Terminals

Panduit® Pan-Term® Terminals are designed and manufactured for fast assembly, and reliable performance. Panduit provides an extensive line of tooling designed specifically to provide optimum performance. As the demand for loose piece terminals increases, it becomes essential to provide a complete system for termination products.

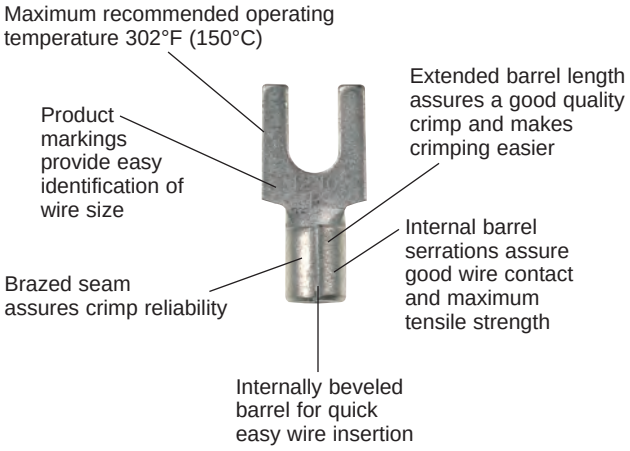
- **Funnel entry available on vinyl and nylon insulated terminals and disconnects, speeds insertion, and minimizes turned back wire strands**
- **Made of electrolytic copper to provide an optimum combination of crimp forming and high conductivity properties to provide superior terminations**
- **Available in sizes from #26 – 2 AWG and stud hole diameters from #2 – 1/2 inch; non-insulated tubular terminals sizes from #8 – 250 kcmil**
- **Applicable sizes are UL Listed and CSA Certified, RoHS compliant, ABS (American Bureau of Shipping) Approved, DFARS 252.225-7014 Compliant and meet Military Specifications MS25036 and MS20659 as noted**
- **Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost**
- **Standard pack terminals are now offered in a new ergonomic, reusable, clear plastic bottle with color-coded flip top lids for easy product selection, dispensing and size identification**
- **Convenience Packs offer premium terminal products in a clear, resealable, 20 piece package, designed for quick product selection and identification**

Panduit continually provides new designs to meet the application challenges encountered by our customers. Panduit offers a wide assortment of Pan-Term® termination products to meet customer needs at the lowest installed cost.

Features and Benefits – Pan-Term® Terminals

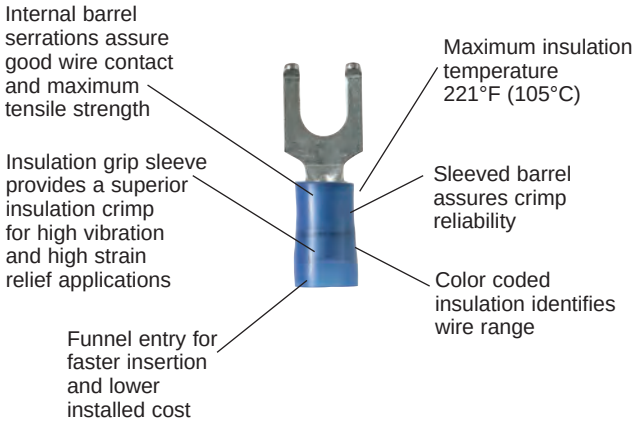
All Panduit® terminals feature high quality materials made with electrolytic copper for high conductivity and are tin-plated for corrosion resistance.

Non-Insulated Terminals Type P



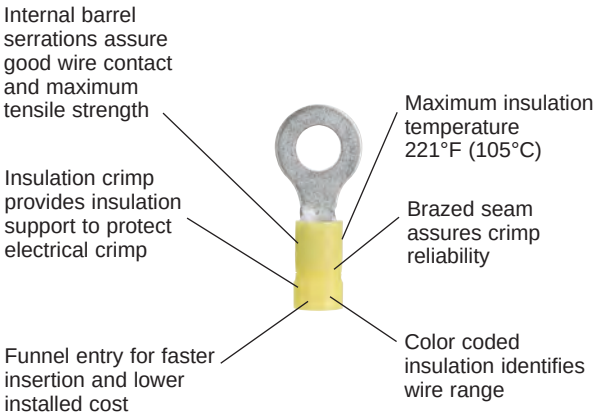
UL and CSA rated up to 2000 V per UL 486A/B. Nickel plated terminals rated up to 650°F (343°C) maximum operating temperature.

Nylon Insulated Terminals with Insulation Grip Sleeve Type PN or PNF



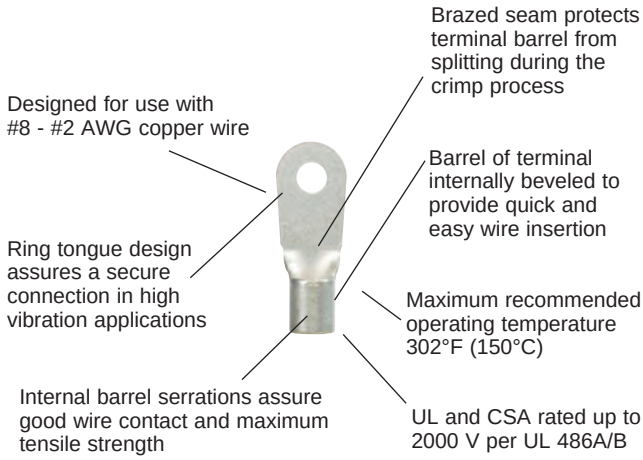
UL and CSA rated up to 600 V per UL 486A/B. Flammability – UL 94 HB.

Vinyl Insulated Terminals With Insulation Support Type PV



UL and CSA rated up to 600 V per UL 486A/B. Flammability – UL 94V-0.

Ring Terminal, Large Wire Non-Insulated Type P-R



UL and CSA rated up to 2000 V per UL 486A/B.

Panduit designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.

See pages E1.1 – E2.29.

Order number of pieces required, in multiples of Standard Package Quantity.

Selection Guide – Pan-Term® Ring Terminals

Ring Terminals

Insulation Material	Style	Feature	Type	Page Number
Nylon	Standard Ring	Insulation Grip	PN-R	D1.6
		Funnel Entry	PNF-R	D1.7
		Expanded Insulation	PN-RX	D1.8
		Heavy Duty	PN-HDR	D1.12
Vinyl	Standard Ring	Insulation Support	PV-R	D1.9
		Expanded Insulation	PV-RX	D1.10
		Heavy Duty	PV-HDR	D1.13
		Large Wire, Insulation Support	PV-R/X	D1.14
		Expanded Insulation, Insulation Support	PV-RX	D1.15
Heat Shrink	Standard Ring	Heat Shrink Insulation	PH-R	D1.12
KYNAR■ Insulated	Standard Ring	Insulation Grip	PK-R	D1.11
Non-Insulated	Standard Ring	Brazed Seam	P-R	D1.16
		High Temp, Brazed Seam	P-RHT	D1.17
		Heavy Duty	P-HDR	D1.18
		Large Wire	P-R	D1.18

■ KYNAR is a registered trademark of Atofina Chemicals, Inc.

Selection Guide – Pan-Term® Fork Terminals

Fork Terminals

Material	Style	Feature	Type	Page Number
Nylon	Standard Fork	Insulation Grip	PN-F	D1.20
		Funnel Entry	PNF-F	D1.21
	Locking Fork	Insulation Grip	PN-LF	D1.23
		Funnel Entry	PNF-LF	D1.24
	Flanged Fork	Insulation Grip	PN-FF	D1.26
Vinyl	Standard Fork	Insulation Support	PV-F	D1.22
		Expanded Insulation	PV-FX	D1.23
	Locking Fork	Funnel Entry	PV-LF	D1.24
		Expanded Insulation Insulation Support	PV-LFX	D1.25
	Flanged Fork	Funnel Entry	PV-FF	D1.26
Non-Insulated	Standard Fork	Brazed Seam	P-F	D1.27
	Flanged Fork	Brazed Seam	P-FF	D1.28
	Locking Fork	Brazed Seam	P-LF	D1.28

Order number of pieces required, in multiples of Standard Package Quantity.

Part Number System for Pan-Term® Terminals

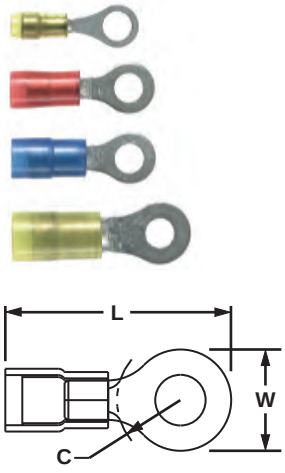
P	N	14	—	4	R	X	—	C
Type	**Insulation**	**Wire Range**		**Stud Size**	**Tongue Configuration**	**Special Configuration**		**Std. Pkg. Size**
P = Seamed Barrel	H = Heat Shrink	22 = #26 – 22		2 = #2	HDR = Heavy Duty Ring	HT6 = High Temperature		5 = 5
S = Seamless Tubular Barrel	K = KYNAR■ Insulated	18 = #22 – 18		4 = #4	F = Fork	N = Narrow Tongue		X = 10
	N = Nylon Insulated	14 = #16 – 14		5 = #5	FF = Flanged Fork	W = Wide Tongue		E = 20
	NF = Nylon Insulated Funnel Entry	12 = #16 – 12		6 = #6	LF = Locking Fork	X = Expanded Insulation		Q = 25
	V = Vinyl Insulated	10 = #12 – 10		8 = #8	R = Ring	= Non-Expanded Insulation (leave blank)		L = 50
	= Non-Ins. (leave blank)	8 = #8		10 = #10				C = 100
		6 = #6		14 = 1/4"				T = 200
		4 = #4		56 = 5/16"				D = 500
		2 = #2		38 = 3/8"				M = 1000
		1 = #1		76 = 7/16"				
		1/0 = 1/0		12 = 1/2"				
		2/0 = 2/0						
		3/0 = 3/0						
		4/0 = 4/0						
		250 = 250kcmil						

■ KYNAR is a registered trademark of Atofina Chemicals, Inc.

Ring Terminal, Nylon Insulated

Type PN-R

- Ring tongue design assures a secure connection in high vibration applications
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN22-10R-C*	26 – 22 AWG	Yellow	0.02	0.090	#10	0.78	0.31	0.24	UP14ZLW, CT-1525, CT-2500/L, CT-2300/ST	100	1000
PN18-4RN-C^	22 – 18 AWG	Red	0.03	0.145	#4	0.74	0.22	0.18	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PN18-4R-C			0.03		#4	0.80	0.25	0.22			
PN18-6RN-C^			0.03		#6	0.77	0.22	0.18			
PN18-6R-C^			0.03		#6	0.80	0.25	0.22			
PN18-8R-C^			0.03		#8	0.86	0.31	0.25			
PN18-10R-C^			0.03		#10	0.88	0.31	0.25			
PN18-14R-C^			0.03		1/4"	1.09	0.45	0.38			
PN18-56R-C^			0.03		5/16"	1.09	0.46	0.38			
PN18-38R-C^			0.03		3/8"	1.17	0.53	0.43			
PN18-12R-L			0.03		1/2"	1.35	0.72	0.53		50	500
PN14-4R-C^	18 – 14 AWG	Blue	0.03	0.162	#4	0.78	0.25	0.20	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PN14-6RN-C^			0.03		#6	0.76	0.25	0.20			
PN14-6R-C^			0.03		#6	0.85	0.31	0.25			
PN14-8R-C^			0.03		#8	0.85	0.31	0.25			
PN14-10R-C^			0.03		#10	0.85	0.31	0.25			
PN14-14R-C^			0.03		1/4"	1.05	0.46	0.38			
PN14-56R-C^			0.03		5/16"	1.05	0.46	0.38			
PN14-38R-L^			0.03		3/8"	1.14	0.53	0.43		50	500
PN14-12R-Q			0.03		1/2"	1.35	0.72	0.53		25	125
PN10-6R-L^	12 – 10 AWG	Yellow	0.04	0.225	#6	1.06	0.37	0.31	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PN10-8R-L^			0.04		#8	1.06	0.37	0.31			
PN10-10R-L^			0.04		#10	1.06	0.38	0.31			
PN10-14R-L^			0.04		1/4"	1.21	0.52	0.38			
PN10-56R-L^			0.04		5/16"	1.21	0.52	0.38			
PN10-38R-L^			0.04		3/8"	1.29	0.58	0.43			
PN10-12R-Q			0.04		1/2"	1.47	0.72	0.53		25	125

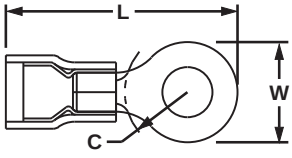
*Wire sizes #26-22 AWG, are not UL Listed or CSA Certified.
**Bulk and/or convenience packaging may be available, contact Panduit® Customer Service for additional information.
^For military specification cross reference see page D1.67.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Order number of pieces required, in multiples of Standard Package Quantity.

Ring Terminal, Nylon Insulated – Funnel Entry

Type PNF-R

- Ring tongue design assures a secure connection in high vibration applications
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



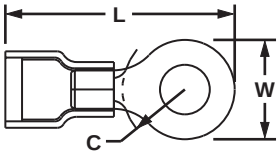
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PNF18-4R-C	22 – 18 AWG	Red	0.03	0.136	#4	0.77	0.25	0.20	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PNF18-6RN-C^			0.03	0.136	#6	0.76	0.22	0.18			
PNF18-6R-C^			0.03	0.136	#6	0.77	0.25	0.20			
PNF18-8R-C^			0.03	0.136	#8	0.87	0.31	0.24			
PNF18-10R-C^			0.03	0.136	#10	0.87	0.32	0.25			
PNF18-14R-C^			0.03	0.136	1/4"	1.08	0.46	0.38			
PNF18-56R-C^			0.03	0.136	5/16"	1.08	0.46	0.39			
PNF18-38R-C^			0.03	0.136	3/8"	1.16	0.53	0.41			
PNF14-4R-C^	16 – 14 AWG	Blue	0.03	0.162	#4	0.78	0.25	0.18	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PNF14-6RN-C^			0.03	0.162	#6	0.78	0.25	0.18			
PNF14-6R-C^			0.03	0.162	#6	0.87	0.31	0.24			
PNF14-8R-C^			0.03	0.162	#8	0.87	0.31	0.25			
PNF14-10R-C^			0.03	0.162	#10	0.85	0.31	0.29			
PNF14-14R-C^			0.03	0.162	1/4"	1.06	0.46	0.40			
PNF14-56R-C^			0.03	0.162	5/16"	1.06	0.46	0.40			
PNF14-38R-L^			0.03	0.162	3/8"	1.14	0.53	0.45		50	500
PNF10-6R-L^	12 – 10 AWG	Yellow	0.04	0.225	#6	1.06	0.37	0.31	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PNF10-8R-L^			0.04	0.225	#8	1.06	0.37	0.31			
PNF10-10R-L^			0.04	0.225	#10	1.06	0.37	0.31			
PNF10-14R-L^			0.04	0.225	1/4"	1.21	0.52	0.38			
PNF10-56R-L^			0.04	0.225	5/16"	1.21	0.52	0.38			
PNF10-38R-L^			0.04	0.225	3/8"	1.29	0.58	0.43			

**Bulk and/or convenience packaging may be available, contact Panduit® Customer Service for additional information.
^For military specification cross reference see page D1.67.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Ring Terminal, Nylon Insulated – Expanded Insulation

Type PN-RX

- Expanded wire entry designed to accommodate wire with a larger insulation thickness
- Ring tongue design assures a secure connection in high vibration applications
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
						L	W	C			
PN14-6RX-C	16 – 14 AWG	Blue	0.03	0.200	#6	0.93	0.31	0.25	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PN14-8RX-C			0.03	0.200	#8	0.93	0.31	0.25			
PN14-10RX-C			0.03	0.200	#10	0.93	0.31	0.25			
PN14-14RX-L			0.03	0.200	1/4"	1.13	0.46	0.38		50	500
PN10-6RX-L	12 – 10 AWG	Yellow	0.04	0.265	#6	1.13	0.37	0.33	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PN10-8RX-L			0.04	0.265	#8	1.13	0.37	0.33			
PN10-10RX-L			0.04	0.265	#10	1.13	0.37	0.33			
PN10-14RX-L			0.04	0.265	1/4"	1.27	0.52	0.42			
PN10-56RX-L			0.04	0.265	5/16"	1.27	0.52	0.42			
PN10-38RX-L			0.04	0.265	3/8"	1.35	0.58	0.46			

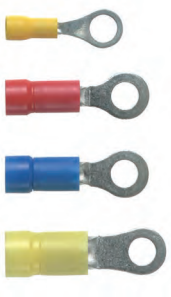
**Bulk and/or convenience packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

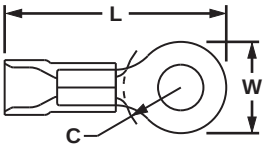
Order number of pieces required, in multiples of Standard Package Quantity.

Ring Terminal, Vinyl Insulated – Funnel Entry

Type PV-R

- Insulation support helps to prevent wire damage in bending applications
- Ring tongue design assures a secure connection in high vibration applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up 600 V per UL 486A/B





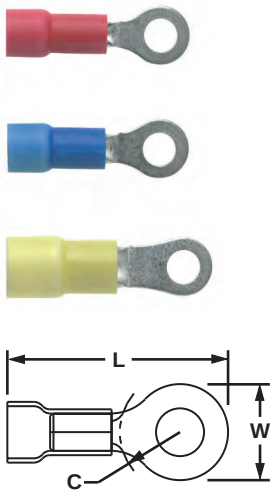
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV22-2R-CY*	26 – 22 AWG	Yellow	0.02	0.110	#2	0.68	0.21	0.18	UP14ZLW, CT-1525, CT-2500/L, CT-2300/ST	100	1000
PV22-4R-CY*			0.02	0.110	#4	0.68	0.21	0.18			
PV22-6R-CY*			0.02	0.110	#6	0.68	0.21	0.18			
PV22-8R-CY*			0.02	0.110	#8	0.78	0.26	0.26			
PV22-10R-CY*			0.02	0.110	#10	0.78	0.32	0.24			
PV18-4R-CY	22 – 18 AWG	Red	0.03	0.150	#4	0.84	0.25	0.22	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV18-6R-CY			0.03	0.150	#6	0.86	0.25	0.22			
PV18-8R-CY			0.03	0.150	#8	0.91	0.31	0.26			
PV18-10R-CY			0.03	0.150	#10	0.94	0.31	0.27			
PV18-14R-CY			0.03	0.150	1/4"	1.11	0.46	0.37			
PV18-56R-CY			0.03	0.150	5/16"	1.11	0.46	0.39			
PV18-38R-LY			0.03	0.150	3/8"	1.19	0.53	0.42		50	500
PV18-12R-LY			0.03	0.150	1/2"	1.42	0.72	0.53		50	500
PV14-4R-C	16 – 14 AWG	Blue	0.03	0.170	#4	0.84	0.25	0.19	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV14-6RN-C			0.03	0.170	#6	0.84	0.25	0.19			
PV14-6R-C			0.03	0.170	#6	0.92	0.31	0.25			
PV14-8R-C			0.03	0.170	#8	0.92	0.31	0.25			
PV14-10R-C			0.03	0.170	#10	0.92	0.31	0.25			
PV14-14R-C			0.03	0.170	1/4"	1.12	0.46	0.38			
PV14-56R-C			0.03	0.170	5/16"	1.12	0.46	0.38			
PV14-38R-L			0.03	0.170	3/8"	1.21	0.53	0.43		50	500
PV14-12R-L			0.03	0.170	1/2"	1.42	0.72	0.53		50	500
PV10-6R-L	12 – 10 AWG	Yellow	0.04	0.225	#6	1.05	0.31	0.31	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PV10-8R-L			0.04	0.225	#8	1.05	0.31	0.31			
PV10-10R-L			0.04	0.225	#10	1.05	0.31	0.31			
PV10-14R-L			0.04	0.225	1/4"	1.23	0.52	0.38			
PV10-56R-L			0.04	0.225	5/16"	1.23	0.52	0.38			
PV10-38R-L			0.04	0.225	3/8"	1.31	0.58	0.41			
PV10-12R-Q			0.04	0.225	1/2"	1.46	0.72	0.53		25	250

*Wire sizes #26 – 22 AWG, are not UL Listed or CSA Certified.
**Bulk and/or convenience packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Ring Terminal, Vinyl Expanded Insulation

Type PV-RX

- Expanded wire entry designed to accommodate wire with a larger insulation thickness
- Ring tongue design assures a secure connection in high vibration applications
- Insulation support helps to prevent wire damage in bending applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
						L	W	C			
PV18-4RX-CY	22 – 18 AWG	Red	0.03	0.170	#4	0.88	0.25	0.22	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV18-6RX-CY			0.03	0.170	#6	0.89	0.25	0.22			
PV18-8RX-CY			0.03	0.170	#8	0.97	0.31	0.27			
PV18-10RX-CY			0.03	0.170	#10	0.96	0.31	0.27			
PV18-14RX-CY			0.03	0.170	1/4"	1.17	0.46	0.40			
PV18-56RX-LY			0.03	0.170	5/16"	1.17	0.46	0.40		50	500
PV18-38RX-LY			0.03	0.170	3/8"	1.25	0.53	0.45		50	500
PV14-4RX-C	16 – 14 AWG	Blue	0.03	0.200	#4	0.87	0.25	0.19	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV14-6RX-C			0.03	0.200	#6	0.96	0.31	0.25			
PV14-8RX-C			0.03	0.200	#8	0.96	0.31	0.25			
PV14-10RX-C			0.03	0.200	#10	0.96	0.31	0.25			
PV14-14RX-L			0.03	0.200	1/4"	1.16	0.46	0.37		50	500
PV14-56RX-L			0.03	0.200	5/16"	1.16	0.46	0.37			
PV14-38RX-L			0.03	0.200	3/8"	1.25	0.53	0.42			
PV10-6RX-L	12 – 10 AWG	Yellow	0.04	0.250	#6	1.10	0.31	0.30	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PV10-8RX-L			0.04	0.250	#8	1.10	0.31	0.30			
PV10-10RX-L			0.04	0.250	#10	1.10	0.31	0.30			
PV10-14RX-L			0.04	0.250	1/4"	1.29	0.52	0.39			
PV10-56RX-L			0.04	0.250	5/16"	1.29	0.52	0.42			
PV10-38RX-L			0.04	0.250	3/8"	1.39	0.58	0.46			

**Bulk and/or convenience packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Order number of pieces required, in multiples of Standard Package Quantity.

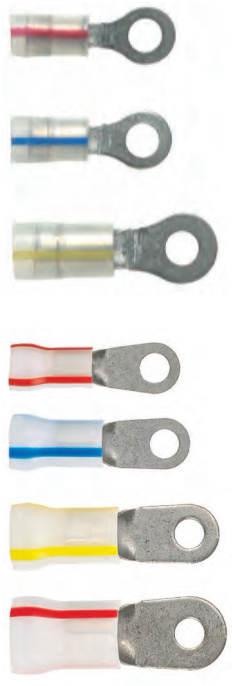
Ring Terminal, KYNAR■ Insulated

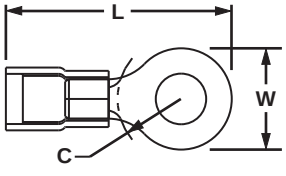
Type PK-R

- Color code: natural with appropriate color stripe to identify wire range
- Ring tongue design assures a secure connection in high vibration applications
- UL and CSA rated up to 600 V per UL 486A/B

Note: For PK18 – PK10 Terminals the following applies:

- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications





Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PK18-4R-C	22 – 16 AWG	Red Stripe	0.03	0.145	#4	0.80	0.25	0.22	CT-100A, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PK18-6R-C			0.03	0.145	#6	0.80	0.25	0.22			
PK18-8R-C			0.03	0.145	#8	0.89	0.31	0.29			
PK18-10R-C			0.03	0.145	#10	0.89	0.31	0.29			
PK18-14R-C			0.03	0.145	1/4"	1.10	0.46	0.40			
PK18-38R-C			0.03	0.145	3/8"	1.18	0.53	0.45			
PK14-4R-C	18 – 14 AWG	Blue Stripe	0.03	0.162	#4	0.78	0.25	0.22	CT-100A, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PK14-6R-C			0.03	0.162	#6	0.87	0.31	.029			
PK14-8R-C			0.03	0.162	#8	0.87	0.31	.029			
PK14-10R-C			0.03	0.162	#10	0.87	0.31	.029			
PK14-14R-C			0.03	0.162	1/4"	1.08	0.46	0.40			
PK14-38R-C			0.03	0.162	3/8"	1.15	0.53	0.43			
PK14-56R-C			0.03	0.162	5/16"	1.08	0.46	0.40			
PK10-6R-L	12 – 10 AWG	Yellow Stripe	0.04	0.225	#6	1.06	0.37	0.33	CT-100A, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PK10-8R-L			0.04	0.225	#8	1.06	0.37	0.33			
PK10-10R-L			0.04	0.225	#10	1.06	0.37	0.33			
PK10-14R-L			0.04	0.225	1/4"	1.25	0.38	0.42			
PK10-38R-Q			0.04	0.225	3/8"	1.34	0.58	0.42		25	125
Large Wire, KYNAR■ Insulated											
PK8-8R-T	8 AWG	Red Stripe	0.04	0.326	#8	1.50	0.42	0.43	CT-2600/L, CD-2600-PV8	200	1200
PK8-10R-T			0.04	0.326	#10	1.52	0.47	0.43			
PK8-14R-T			0.04	0.326	1/4"	1.52	0.47	0.43			
PK8-56R-T			0.04	0.326	5/16"	1.63	0.59	0.51			
PK8-38R-T			0.04	0.326	3/8"	1.63	0.59	0.51			
PK8-12R-T			0.04	0.326	1/2"	1.73	0.82	0.51			
PK6-8R-T	6 AWG	Blue Stripe	0.05	0.360	#8	1.59	0.47	0.43	CT-2600/L, CD-2600-PV6	200	1200
PK6-10R-T			0.05	0.360	#10	1.60	0.47	0.43			
PK6-14R-T			0.05	0.360	1/4"	1.63	0.47	0.48			
PK6-56R-T			0.05	0.360	5/16"	1.72	0.62	0.53			
PK6-38R-T			0.05	0.360	3/8"	1.72	0.62	0.51			
PK6-12R-T			0.05	0.360	1/2"	1.82	0.82	0.51			
PK4-10R-T	4 AWG	Yellow Stripe	0.05	0.450	#10	1.86	0.55	0.50	CT-2600/L, CD-2600-PV4	200	1200
PK4-14R-T			0.05	0.450	1/4"	1.86	0.55	0.50			
PK4-56R-T			0.05	0.450	5/16"	1.93	0.68	0.50			
PK4-38R-T			0.05	0.450	3/8"	1.93	0.68	0.50			
PK4-12R-T			0.05	0.450	1/2"	2.02	0.86	0.50			
PK2-14R-T	2 AWG	Red Stripe	0.06	0.550	1/4"	1.95	0.68	0.58	CT-2600/L, CD-2600-PV2	200	1200
PK2-56R-T			0.06	0.550	5/16"	1.95	0.68	0.58			
PK2-38R-T			0.06	0.550	3/8"	1.95	0.68	0.58			
PK2-12R-T			0.06	0.550	1/2"	2.04	0.68	0.58			

■KYNAR is a registered trademark of Atofina Chemicals, Inc.
‡UL approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Heat Shrink, Ring Terminal

LISTED CERTIFIED

Type PH-R

- Heat shrink sleeving forms a protective barrier to provide environmentally sealed terminations ideal for high moisture applications
- Ring tongue design assures a secure connection in high vibration applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Heat shrink installation is completed with a standard heat gun
- Minimum continuous operating temperature -65°F (-55°C)
- Maximum continuous operation temperature 230°F (110°C)
- Shrink temperature 300°F (150°C)
- UL and CSA rated up to 600 V per UL 486A/B

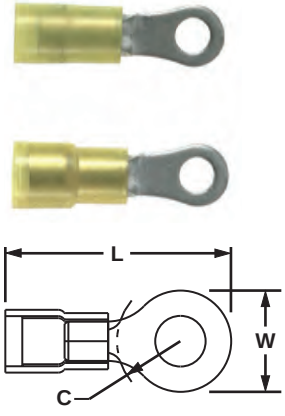
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	Figure Dimensions (In.) W	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
PH18-6R-Q	22 – 18 AWG	Red	0.170	#6	1.05	0.25	5/16	CT-310	25	125
PH18-8R-Q			0.170	#8	1.08	0.31				
PH18-10R-Q			0.170	#10	1.08	0.31				
PH18-14R-Q			0.170	1/4"	1.24	0.47				
PH14-6R-Q	16 – 14 AWG	Blue	0.200	#6	1.06	0.31				
PH14-8R-Q			0.200	#8	1.03	0.31				
PH14-10R-Q			0.200	#10	1.05	0.32				
PH14-14R-Q			0.200	1/4"	1.24	0.46				
PH14-56R-Q			0.200	5/16"	1.24	0.46				
PH14-38R-Q			0.200	3/8"	1.24	0.53				
PH10-8R-E	12 – 10 AWG	Yellow	0.240	#8	1.22	0.37	5/16	CT-310	20	100
PH10-10R-E			0.240	#10	1.20	0.37				
PH10-14R-E			0.240	1/4"	1.20	0.52				
PH10-38R-E			0.240	3/8"	1.20	0.59				
PH10-12R-E			0.240	1/2"	1.54	0.72				

Ring Terminal, Heavy Duty, Nylon Insulated

LISTED CERTIFIED

Type PN-HDR

- Manufactured from stock 56% thicker than a standard #16 – #14 AWG terminal for use in heavy-duty applications
- Insulation housing is marked with “HDR” to signify heavy-duty ring
- Ring tongue design assures a secure connection in high vibration applications
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	Figure Dimensions (In.) W	Figure Dimensions (In.) C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN12-8HDR-L	16 – 12 AWG	Yellow	0.05	0.225	#8	1.06	0.31	0.35	CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PN12-10HDR-L			0.05	0.225	#10	1.09	0.37	0.33			
PN12-14HDR-L			0.05	0.225	1/4"	1.24	0.52	0.42			
PN12-56HDR-L			0.05	0.225	5/16"	1.24	0.52	0.42			
PN12-38HDR-L			0.05	0.225	3/8"	1.30	0.58	0.46			

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

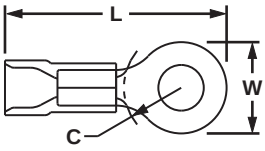
Order number of pieces required, in multiples of Standard Package Quantity.

Ring Terminal, Heavy Duty, Vinyl Insulated – Funnel Entry

LISTED CERTIFIED

Type PV-HDR

- Manufactured from stock 56% thicker than a standard #16 – 14 AWG terminal for use in heavy-duty applications
- Insulation housing is marked with “HDR” to signify heavy-duty ring
- Ring tongue design assures a secure connection in high vibration applications
- Insulation support helps to prevent wire damage in bending applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
Standard Heavy Duty Insulation											
PV12-6HDR-L	16 – 12 AWG	Yellow	0.05	0.225	#6	1.05	0.31	0.35	UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PV12-8HDR-L			0.05	0.225	#8	1.05	0.31	0.35			
PV12-10HDR-L			0.05	0.225	#10	1.08	0.37	0.33			
PV12-14HDR-L			0.05	0.225	1/4"	1.23	0.52	0.42			
PV12-56HDR-L			0.05	0.225	5/16"	1.23	0.52	0.42			
PV12-38HDR-L			0.05	0.225	3/8"	1.31	0.58	0.46			
Expanded Heavy Duty Insulation*											
PV12-6HDRX-L	16 – 12 AWG	Yellow	0.05	0.250	#6	1.05	0.31	0.35	UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PV12-8HDRX-L			0.05	0.250	#8	1.05	0.31	0.35			
PV12-10HDRX-L			0.05	0.250	#10	1.08	0.37	0.33			
PV12-14HDRX-L			0.05	0.250	1/4"	1.23	0.52	0.42			
PV12-56HDRX-L			0.05	0.250	5/16"	1.23	0.52	0.42			
PV12-38HDRX-L			0.05	0.250	3/8"	1.31	0.58	0.46			

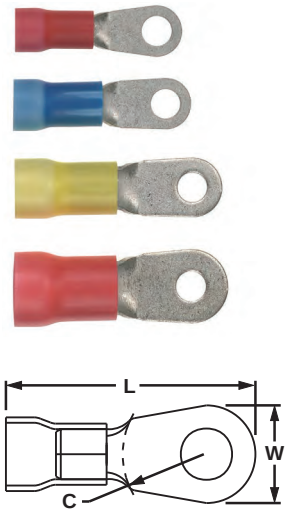
*Expanded insulation parts do not have funnel entry.
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Ring Terminal, Large Wire, Vinyl Insulated

c UL us LISTED

Type PV-R

- Ring tongue design assures a secure connection in high vibration applications
- Insulation support helps to prevent wire damage in bending applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL rated up to 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV8-8R-QY	8 AWG	Red	0.04	0.280	#8	1.51	0.42	0.43	CT-720, CD-720PV8-2‡, CT-2600/L, CD-2600-PV8‡	25	250
PV8-8RN-Q			0.04	0.280	#8	1.48	0.36	0.43			
PV8-10R-QY			0.04	0.280	#10	1.53	0.47	0.43			
PV8-14R-QY			0.04	0.280	1/4"	1.53	0.47	0.43			
PV8-56R-QY			0.04	0.280	5/16"	1.64	0.59	0.49			
PV8-38R-QY			0.04	0.280	3/8"	1.64	0.59	0.51			
PV8-12R-XY			0.04	0.280	1/2"	1.74	0.82	0.51		10	100
PV6-8R-E	6 AWG	Blue	0.05	0.340	#8	1.61	0.47	0.43	CT-720, CD-720PV8-2‡, CT-2600/L, CD-2600-PV6‡	20	200
PV6-10R-X			0.05	0.340	#10	1.62	0.47	0.43		10	100
PV6-14R-X			0.05	0.340	1/4"	1.65	0.47	0.48			
PV6-56R-X			0.05	0.340	5/16"	1.74	0.62	0.53			
PV6-38R-X			0.05	0.340	3/8"	1.74	0.62	0.51			
PV6-12R-X			0.05	0.340	1/2"	1.84	0.82	0.51			
PV4-10R-E	4 AWG	Yellow	0.05	0.450	#10	1.88	0.55	0.50	CT-720, CD-720PV8-2‡, CT-2600/L, CD-2600-PV4‡	20	200
PV4-14R-E			0.05	0.450	1/4"	1.88	0.55	0.50			
PV4-56R-E			0.05	0.450	5/16"	1.95	0.68	0.50			
PV4-38R-E			0.05	0.450	3/8"	1.95	0.68	0.50			
PV4-12R-E			0.05	0.450	1/2"	2.04	0.86	0.50			
PV2-10R-XY	2 AWG	Red	0.06	0.560	#10	1.96	0.68	0.58	CT-720, CD-720PV8-2‡, CT-2600/L, CD-2600-PV2‡	10	100
PV2-14R-XY			0.06	0.560	1/4"	1.96	0.68	0.58			
PV2-56R-XY			0.06	0.560	5/16"	1.96	0.68	0.58			
PV2-38R-XY			0.06	0.560	3/8"	1.96	0.68	0.58			
PV2-12R-XY			0.06	0.560	1/2"	2.05	0.86	0.58			

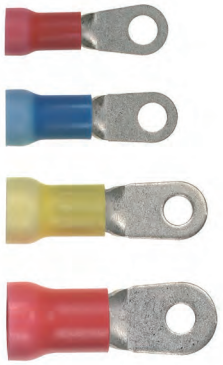
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

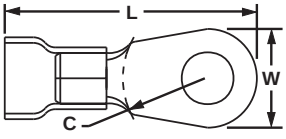
Order number of pieces required, in multiples of Standard Package Quantity.

Ring Terminal, Large Wire, Vinyl Expanded Insulation

Type PV-RX

- Ring tongue design assures a secure connection in high vibration applications
- Expanded wire entry designed to accommodate wire with a larger insulation thickness
- Insulation support helps to prevent wire damage in bending applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL rated up to 600 V per UL 486A/B





Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
						L	W	C			
PV8-8RX-QY	8 AWG	Red	0.04	0.360	#8	1.50	0.42	0.43	CT-720, CD-720PV8-2‡, CT-2600/L, CD-2600-PV8‡	25	250
PV8-10RX-QY			0.04	0.360	#10	1.52	0.47	0.43			
PV8-14RX-QY			0.04	0.360	1/4"	1.52	0.47	0.43			
PV8-56RX-QY			0.04	0.360	5/16"	1.62	0.59	0.51			
PV8-38RX-QY			0.04	0.360	3/8"	1.62	0.59	0.51			
PV8-12RX-XY			0.04	0.360	1/2"	1.74	0.82	0.51		10	100
PV6-8RX-E	6 AWG	Blue	0.05	0.436	#8	1.61	0.47	0.43	CT-720, CD-720PV8-2‡, CT-2600/L, CD-2600-PV6‡	20	200
PV6-10RX-X			0.05	0.436	#10	1.61	0.47	0.51		10	100
PV6-14RX-X			0.05	0.436	1/4"	1.61	0.47	0.51			
PV6-56RX-X			0.05	0.436	5/16"	1.73	0.62	0.51			
PV6-38RX-X			0.05	0.436	3/8"	1.73	0.62	0.53			
PV4-10RX-E	4 AWG	Yellow	0.05	0.515	#10	1.87	0.55	0.53	CT-720, CD-720PV8-2‡, CT-2600/L, CD-2600-PV4‡	20	200
PV4-14RX-E			0.05	0.515	1/4"	1.87	0.55	0.53			
PV4-56RX-E			0.05	0.515	5/16"	1.94	0.68	0.53			
PV4-38RX-E			0.05	0.515	3/8"	1.94	0.68	0.53			
PV4-12RX-E			0.05	0.515	1/2"	2.03	0.86	0.53			
PV2-10RX-XY	2 AWG	Red	0.06	0.632	#10	1.94	0.68	0.58	CT-720, CD-720PV8-2‡, CT-2600/L, CD-2600-PV2‡	10	100
PV2-14RX-XY			0.06	0.632	1/4"	1.94	0.68	0.58			
PV2-56RX-XY			0.06	0.632	5/16"	1.94	0.68	0.58			
PV2-38RX-XY			0.06	0.632	3/8"	1.94	0.68	0.58			
PV2-12RX-XY			0.06	0.632	1/2"	2.03	0.86	0.58			

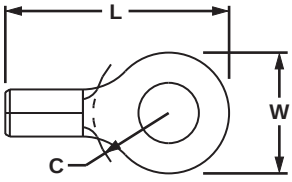
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Ring Terminal, Non-Insulated

LISTED CERTIFIED

Type P-R

- Ring tongue design assures a secure connection in high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Brazed seam protects terminal barrel from splitting during the crimp process
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Maximum recommended operating temperature 302°F (150°C)
- UL and CSA rated up to 2000 V per UL 486A/B



Part Number	Wire Range	Stock Thickness (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P22-2R-C*	26 – 22 AWG	0.02	#2	0.52	0.20	0.16	CT-200 CT-100A PKT B	100	1000
P22-4R-C*		0.02	#4	0.52	0.20	0.16			
P22-6R-C*		0.02	#6	0.52	0.20	0.16			
P22-8R-C*		0.02	#8	0.63	0.26	0.25			
P22-10R-C*		0.02	#10	0.63	0.31	0.22			
P18-4R-C	22 – 16 AWG	0.03	#4	0.62	0.25	0.21	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-2500/L‡, CT-2300/ST‡	100	1000
P18-6RN-C		0.03	#6	0.60	0.22	0.19			
P18-6R-C		0.03	#6	0.62	0.25	0.21			
P18-8R-C		0.03	#8	0.71	0.31	0.25			
P18-10R-C		0.03	#10	0.71	0.31	0.25			
P18-14R-C		0.03	1/4"	0.91	0.46	0.38			
P18-56R-C		0.03	5/16"	0.91	0.46	0.38			
P18-38R-C		0.03	3/8"	1.0	0.53	0.43			
P18-12R-C		0.03	1/2"	1.20	0.72	0.53			
P14-4R-C	18 – 14 AWG	0.03	#4	0.62	0.25	0.20	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-2500/L‡, CT-2300/ST‡	100	1000
P14-6R-C		0.03	#6	0.62	0.25	0.20			
P14-8R-C		0.03	#8	0.71	0.31	0.25			
P14-10R-C		0.03	#10	0.71	0.31	0.25			
P14-14R-C		0.03	1/4"	0.91	0.46	0.38			
P14-56R-C		0.03	5/16"	0.91	0.46	0.38			
P14-38R-C		0.03	3/8"	1.0	0.53	0.43			
P14-12R-L		0.03	1/2"	1.20	0.72	0.53		50	500
P10-6R-L^	14 – 10 AWG	0.04	#6	0.78	0.31	0.31	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-1701‡, CT-2500/L‡, CT-2300/ST‡	50	500
P10-8R-L		0.04	#8	0.78	0.31	0.31			
P10-10R-L^		0.04	#10	0.81	0.38	0.31			
P10-14R-L		0.04	1/4"	0.96	0.52	0.38			
P10-56R-L^		0.04	5/16"	0.95	0.52	0.38			
P10-38R-L^		0.04	3/8"	1.05	0.58	0.44			
P10-12R-L		0.04	1/2"	1.20	0.72	0.53			

*Wire sizes #26 – 22 AWG are not UL Listed or CSA Certified.
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
^For military specification cross reference see page D1.67.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Order number of pieces required, in multiples of Standard Package Quantity.

Ring Terminal, Non-Insulated – High Temperature

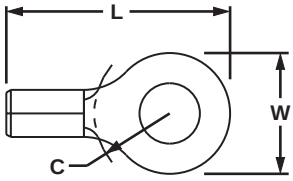
Type P-RHT

- Ring tongue design assures a secure connection in high vibration applications
- Nickel plated copper for temperatures up to 650°F (343°C)
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Brazed seam protects terminal barrel from splitting during the crimp process
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Rated up to 2000 V

Part Number	Wire Range	Stock Thickness (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P18-6RHT6-C	22 – 16 AWG	0.03	#6	0.62	0.25	0.21	CT-100A, CT-200, UP14ZLW, CT-1570, CT-2500/L, CT-2300/ST	100	1000
P18-8RHT6-C		0.03	#8	0.71	0.31	0.25			
P18-10RHT6-C		0.03	#10	0.71	0.31	0.25			
P14-6RHT6-C	18 – 14 AWG	0.03	#6	0.62	0.25	0.20	CT-100A, CT-200, UP14ZLW, CT-1570, CT-2500/L, CT-2300/ST		
P14-8RHT6-C		0.03	#8	0.71	0.31	0.25			
P14-10RHT6-C		0.03	#10	0.71	0.31	0.25			
P10-6RHT6-L	12 – 10 AWG	0.04	#6	0.78	0.31	0.35	CT-100A, CT-200, UP14ZLW, CT-1570, CT-1701, CT-2500/L, CT-2300/ST	50	500
P10-8RHT6-L		0.04	#8	0.78	0.31	0.35			
P10-10RHT6-L		0.04	#10	0.81	0.38	0.33			
P10-14RHT6-L		0.04	1/4"	0.96	0.53	0.42			

Large Wire, Non-Insulated – High Temperature

P8-8RHT6-Q	8 AWG	0.04	#8	1.12	0.42	0.43	CT-2600/L, CD-2600-P8	25	250
P8-8RNHT6-Q		0.04	#8	1.09	0.36	0.43			
P8-10RHT6-Q		0.04	#10	1.14	0.42	0.43			
P8-10RNHT6-Q		0.04	#10	1.09	0.36	0.43			
P8-14RHT6-Q		0.04	1/4"	1.14	0.47	0.43			
P8-56RHT6-Q		0.04	5/16"	1.25	0.59	0.51			
P8-38RHT6-Q		0.04	3/8"	1.25	0.59	0.51			
P8-12RHT6-Q		0.04	1/2"	1.36	0.82	0.54			
P6-8RHT6-E	6 AWG	0.05	#8	1.21	0.47	0.43	CT-2600/L, CD-2600-P6	20	200
P6-10RHT6-E		0.05	#10	1.21	0.47	0.43			
P6-14RHT6-E		0.05	1/4"	1.21	0.47	0.43			
P6-56RHT6-E		0.05	5/16"	1.33	0.62	0.51			
P6-38RHT6-E		0.05	3/8"	1.33	0.62	0.51			
P6-12RHT6-E		0.05	1/2"	1.43	0.82	0.51			
P4-10RHT6-E	4 AWG	0.05	#10	1.40	0.55	0.50	CT-2600/L, CD-2600-P4		
P4-14RHT6-E		0.05	1/4"	1.40	0.55	0.50			
P4-56RHT6-E		0.05	5/16"	1.46	0.68	0.50			
P4-38RHT6-E		0.05	3/8"	1.46	0.68	0.50			
P4-12RHT6-E		0.05	1/2"	1.55	0.86	0.53			
P2-10RHT6-X	2 AWG	0.06	#10	1.46	0.68	0.58	CT-2600/L, CD-2600-P2	10	100
P2-14RHT6-X		0.06	1/4"	1.46	0.68	0.58			
P2-56RHT6-X		0.06	5/16"	1.46	0.68	0.58			
P2-38RHT6-X		0.06	3/8"	1.46	0.68	0.58			
P2-12RHT6-X		0.06	1/2"	1.55	0.86	0.58			



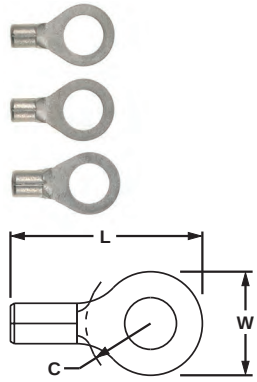
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.

Ring Terminal, Heavy Duty Non-Insulated

LISTED CERTIFIED

Type P-HDR

- Ring tongue design assures a secure connection in high vibration applications
- Manufactured from stock 56% thicker than a standard #16 – 14 AWG terminal for use in heavy-duty applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Brazed seam protects terminal barrel from splitting during the crimp process
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Maximum recommended operating temperature 302°F (150°C)
- UL and CSA rated up to 2000 V per UL 486A/B



Part Number	Wire Range	Stock Thickness (In.)	Stud Size	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W	C			
P12-6HDR-L	16 – 12 AWG	0.05	#6	0.78	0.31	0.36	CT-100A, CT-200, CT-1570‡, CT-2500/L‡, CT-2300/ST‡	50	500
P12-8HDR-L		0.05	#8	0.78	0.31	0.36			
P12-10HDR-L		0.05	#10	0.81	0.37	0.36			
P12-14HDR-L		0.05	1/4"	0.96	0.52	0.43			
P12-56HDR-L		0.05	5/16"	0.96	0.52	0.43			
P12-38HDR-L		0.05	3/8"	1.04	0.58	0.48			

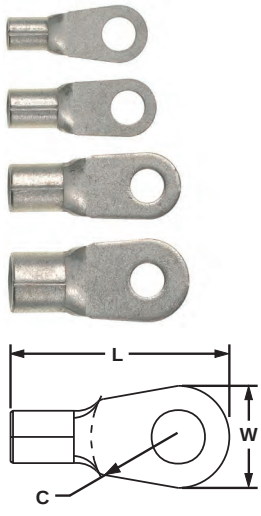
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Ring Terminal, Large Wire Non-Insulated

LISTED CERTIFIED

Type P-R

- Designed for use with #8 - #2 AWG copper wire
- Ring tongue design assures a secure connection in high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Brazed seam protects terminal barrel from splitting during the crimp process
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Maximum recommended operating temperature 302°F (150°C)
- UL and CSA rated up to 2000 V per UL 486A/B



Part Number	Wire Range	Stock Thickness (In.)	Stud Size	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W	C			
P8-8R-Q	8 AWG	0.04	#8	1.12	0.42	0.43	CT-1701‡, CT-2600/L, CD-2600-P8‡	25	250
P8-8RN-Q		0.04	#8	1.09	0.36	0.43			
P8-10R-Q		0.04	#10	1.14	0.47	0.43			
P8-14R-Q		0.04	1/4"	1.14	0.47	0.43			
P8-56R-Q		0.04	5/16"	1.25	0.59	0.51			
P8-38R-Q		0.04	3/8"	1.25	0.59	0.51			
P8-12R-Q		0.04	1/2"	1.36	0.82	0.54			
P6-8R-E	6 AWG	0.05	#8	1.21	0.47	0.43	CT-1701‡, CT-2600/L, CD-2600-P6‡	20	200
P6-10R-E		0.05	#10	1.21	0.47	0.43			
P6-14R-E		0.05	1/4"	1.21	0.47	0.43			
P6-56R-E		0.05	5/16"	1.33	0.62	0.51			
P6-38R-E		0.05	3/8"	1.33	0.62	0.51			
P6-12R-E		0.05	1/2"	1.43	0.82	0.51			
P4-10R-E	4 AWG	0.05	#10	1.40	0.55	0.50	CT-1701‡, CT-2600/L, CD-2600-P4‡		
P4-14R-E		0.05	1/4"	1.40	0.55	0.50			
P4-56R-E		0.05	5/16"	1.46	0.68	0.50			
P4-38R-E		0.05	3/8"	1.46	0.68	0.50			
P4-12R-E		0.05	1/2"	1.55	0.86	0.53			
P2-10R-X	2 AWG	0.06	#10	1.46	0.68	0.58	CT-1701‡, CT-2600/L, CD-2600-P2‡	10	100
P2-14R-X		0.06	1/4"	1.46	0.68	0.58			
P2-56R-X		0.06	5/16"	1.46	0.68	0.58			
P2-38R-X		0.06	3/8"	1.46	0.68	0.58			
P2-12R-X*		0.06	1/2"	1.55	0.86	0.58			

*Not CSA Certified.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Order number of pieces required, in multiples of Standard Package Quantity.

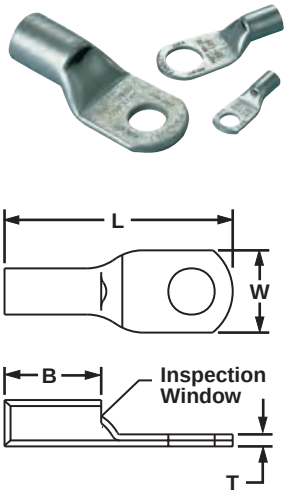
Code Conductor, One-Hole, Tubular Ring Terminal with Inspection Window

LISTED CERTIFIED

For Use with Stranded Copper Conductors

Type S-R

- Seamless tubular barrel provides a consistent high performance quality crimp
- Round double thick tongue for reliable power applications
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Inspection window allows visual inspection of proper wire insertion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with specified Panduit® crimping tools and dies
- Tin plated to inhibit corrosion



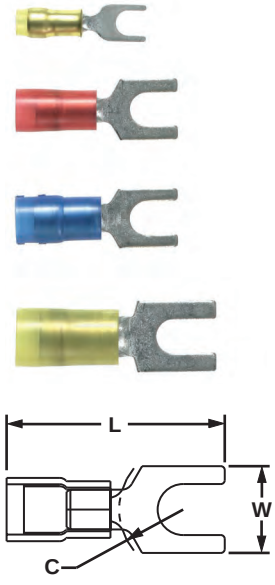
Part Number	Wire Range	Stud Hole Size	Tongue Width (In.)	Figure Dimensions (In.)			Std. Pkg. Qty.
			W	L	B	T	
S8-10R-Q	8 AWG	#10	0.41	1.10	0.40	0.08	25
S8-14R-Q		1/4"	0.48	1.20	0.40	0.07	
S8-56R-Q		5/16"	0.60	1.30	0.40	0.05	
S8-38R-Q		3/8"	0.60	1.40	0.40	0.05	
S6-10R-E	6 AWG	#10	0.45	1.20	0.48	0.09	20
S6-14R-E		1/4"	0.48	1.30	0.48	0.08	
S6-56R-E		5/16"	0.56	1.40	0.48	0.07	
S6-38R-E		3/8"	0.62	1.50	0.48	0.06	
S4-10R-E	4 AWG	#10	0.55	1.20	0.48	0.09	20
S4-14R-E		1/4"	0.55	1.30	0.48	0.09	
S4-56R-E		5/16"	0.55	1.40	0.48	0.09	
S4-38R-E		3/8"	0.62	1.50	0.48	0.07	
S2-10R-X	1 – 2 AWG	#10	0.70	1.60	0.48	0.11	10
S2-14R-X		1/4"	0.70	1.60	0.59	0.11	
S2-56R-X		5/16"	0.70	1.70	0.59	0.11	
S2-38R-X		3/8"	0.70	1.70	0.59	0.11	
S2-12R-X		1/2"	0.79	1.90	0.59	0.09	
S1/0-14R-X	1/0 AWG	1/4"	0.76	1.60	0.58	0.12	10
S1/0-56R-X		5/16"	0.76	1.70	0.58	0.12	
S1/0-38R-X		3/8"	0.76	1.70	0.58	0.12	
S1/0-12R-X		1/2"	0.82	1.90	0.58	0.12	
S2/0-14R-X	2/0 AWG	1/4"	0.85	1.90	0.66	0.13	10
S2/0-56R-X		5/16"	0.85	1.90	0.66	0.13	
S2/0-38R-X		3/8"	0.85	1.90	0.66	0.13	
S2/0-76R-X		7/16"	0.85	2.10	0.83	0.13	
S2/0-12R-X		1/2"	0.85	2.10	0.83	0.13	
S3/0-14R-5	3/0 AWG	1/4"	0.96	2.10	0.83	0.13	5
S3/0-56R-5		5/16"	0.96	2.10	0.83	0.13	
S3/0-38R-5		3/8"	0.96	2.10	0.83	0.13	
S3/0-76R-5		7/16"	0.96	2.30	0.91	0.13	
S3/0-12R-5		1/2"	0.96	2.30	0.91	0.13	
S4/0-56R-5	4/0 AWG	5/16"	1.06	2.30	0.91	0.14	5
S4/0-38R-5		3/8"	1.06	2.30	0.91	0.14	
S4/0-76R-5		7/16"	1.06	2.50	0.91	0.14	
S4/0-12R-5		1/2"	1.06	2.50	0.91	0.14	
S250-56R-5	250 kcmil	5/16"	1.17	2.50	1.01	0.14	5
S250-38R-5		3/8"	1.17	2.50	1.01	0.14	
S250-76R-5		7/16"	1.17	2.60	1.01	0.14	
S250-12R-5		1/2"	1.17	2.60	1.01	0.14	

For crimping tool information, visit www.panduit.com/tools.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Fork Terminal, Nylon Insulated

Type PN-F

- Fork design provides for fast and easy installation, without the need to remove fastener
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN22-4F-C*	26 – 22 AWG	Yellow	0.02	0.090	#4	0.67	0.20	0.21	UP14ZLW, CT-1525, CT-2500/L, CT-2300/ST	100	1000
PN22-6F-C*			0.02	0.090	#6	0.77	0.25	0.26			
PN18-6FN-C	22 – 18 AWG	Red	0.03	0.145	#6	0.78	0.24	0.20	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PN18-6F-C			0.03	0.145	#6	0.78	0.30	0.20			
PN18-8F-C			0.03	0.145	#8	0.85	0.32	0.23			
PN18-10FN-C			0.03	0.145	#10	0.86	0.31	0.25			
PN18-10F-C			0.03	0.145	#10	0.86	0.35	0.25			
PN18-14F-C			0.03	0.145	1/4"	1.03	0.44	0.33			
PN14-6FN-C	18 – 14 AWG	Blue	0.03	0.162	#6	0.79	0.24	0.19	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PN14-6F-C			0.03	0.162	#6	0.79	0.28	0.19			
PN14-8F-C			0.03	0.162	#8	0.85	0.31	0.23			
PN14-10FN-C			0.03	0.162	#10	0.87	0.31	0.24			
PN14-10F-C			0.03	0.162	#10	0.87	0.34	0.24			
PN14-14F-C			0.03	0.162	1/4"	1.02	0.44	0.32			
PN10-6F-L	12 – 10 AWG	Yellow	0.04	0.225	#6	1.00	0.31	0.22	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PN10-8F-L			0.04	0.225	#8	1.03	0.37	0.22			
PN10-10F-L			0.04	0.225	#10	1.04	0.37	0.22			
PN10-14F-L			0.04	0.225	1/4"	1.14	0.49	0.30			

*Not UL Listed or CSA Certified.
**Bulk and/or convenience packaging may be available, contact Panduit® Customer Service for additional information.
‡UL Listed, cULus Listed, and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

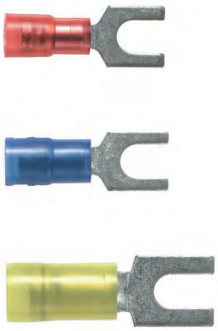
Continued on next page

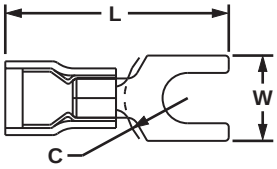
Order number of pieces required, in multiples of Standard Package Quantity.

Fork Terminal, Nylon Insulated – Funnel Entry

Type PNF-F

- Fork design provides for fast and easy installation, without the need to remove fastener
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B





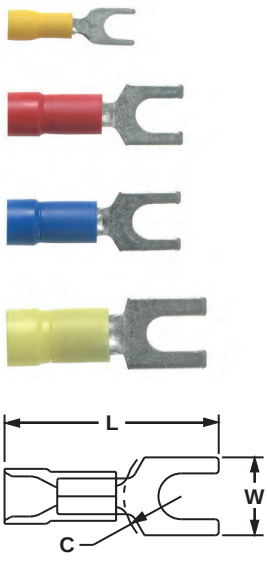
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PNF18-6F-C	22 – 18 AWG	Red	0.03	0.136	#6	0.80	0.30	0.22	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PNF18-8F-C			0.03	0.136	#8	0.86	0.31	0.25			
PNF18-10F-C			0.03	0.136	#10	0.87	0.34	0.26			
PNF18-14F-C			0.03	0.136	1/4"	1.05	0.44	0.35			
PNF14-6F-C	16 – 14 AWG	Blue	0.03	0.162	#6	0.80	0.28	0.22	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PNF14-8F-C			0.03	0.162	#8	0.85	0.31	0.25			
PNF14-10F-C			0.03	0.162	#10	0.87	0.34	0.26			
PNF14-14F-C			0.03	0.162	1/4"	1.05	0.44	0.35			
PNF10-6F-L	12 – 10 AWG	Yellow	0.04	0.225	#6	1.01	0.31	0.24	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PNF10-8F-L			0.04	0.225	#8	1.02	0.37	0.24			
PNF10-10F-L			0.04	0.225	#10	1.04	0.37	0.24			
PNF10-14F-L			0.04	0.225	1/4"	1.15	0.50	0.31			

**Bulk and/or convenience packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Fork Terminal, Vinyl Insulated – Funnel Entry

Type PV-F

- Fork design provides for fast and easy installation, without the need to remove fastener
- Insulation support helps to prevent wire damage in bending applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV22-4F-CY*	26 – 22 AWG	Yellow	0.02	0.110	#4	0.67	0.20	0.21	UP14ZLW, CT-1525, CT-2500/L, CT-2300/ST	100	1000
PV22-6F-CY*			0.02	0.110	#6	0.76	0.25	0.26			
PV18-6FN-CY	22 – 16 AWG	Red	0.03	0.150	#6	0.85	0.24	0.21	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV18-6F-CY			0.03	0.150	#6	0.86	0.30	0.21			
PV18-8F-CY			0.03	0.150	#8	0.93	0.32	0.25			
PV18-10FN-CY			0.03	0.150	#10	0.93	0.31	0.25			
PV18-10F-CY			0.03	0.150	#10	0.93	0.35	0.25			
PV14-6FN-C	16 – 14 AWG	Blue	0.03	0.170	#6	0.84	0.24	0.19	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV14-6F-C			0.03	0.170	#6	0.84	0.28	0.19			
PV14-8F-C			0.03	0.170	#8	0.90	0.31	0.23			
PV14-10FN-C			0.03	0.170	#10	0.92	0.31	0.24			
PV14-10F-C			0.03	0.170	#10	0.92	0.34	0.24			
PV14-14F-C			0.03	0.170	1/4"	1.09	0.44	0.32		100	1000
PV10-6F-L	14 – 10 AWG	Yellow	0.04	0.225	#6	1.01	0.31	0.25	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PV10-8F-L			0.04	0.225	#8	1.04	0.37	0.25			
PV10-10F-L			0.04	0.225	#10	1.04	0.37	0.25			
PV10-14F-L			0.04	0.225	1/4"	1.14	0.49	0.32			

*Not UL Listed or CSA Certified.

**Bulk and/or convenience packaging may be available, contact Panduit® Customer Service for additional information.

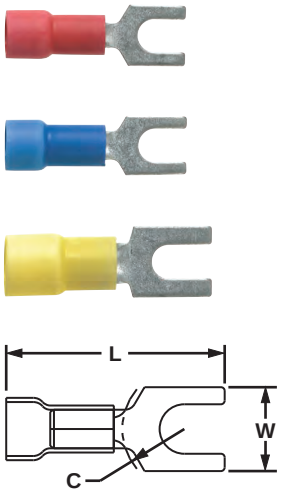
‡UL Listed, cULus Listed, and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Order number of pieces required, in multiples of Standard Package Quantity.

Fork Terminal, Vinyl Insulated – Expanded Insulation

Type PV-FX

- Expanded wire entry designed to accommodate wire with a larger insulation thickness
- Fork design provides for fast and easy installation, without the need to remove fastener
- Insulation support helps to prevent wire damage in bending applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up 600 V per UL 486A/B



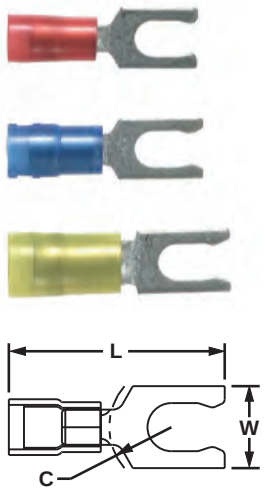
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-6FX-CY	22 – 18 AWG	Red	0.03	0.170	#6	0.83	0.30	0.21	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV18-8FX-CY			0.03	0.170	#8	0.89	0.32	0.25			
PV18-10FX-CY			0.03	0.170	#10	0.91	0.35	0.25			
PV14-6FX-C	18 – 14 AWG	Blue	0.03	0.200	#6	0.89	0.28	0.16	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV14-8FX-C			0.03	0.200	#8	0.96	0.31	0.20			
PV14-10FX-C			0.03	0.200	#10	0.97	0.34	0.22			
PV10-8FX-L	12 – 10 AWG	Yellow	0.04	0.250	#8	1.11	0.37	0.24	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PV10-10FX-L			0.04	0.250	#10	1.11	0.37	0.24			
PV10-14FX-L			0.04	0.250	1/4"	1.22	0.50	0.32			

**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Locking Fork Terminal, Nylon Insulated

Type PN-LF

- Locks in place for secure connection
- Fork design provides for fast and easy installation, without the need to remove fastener
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



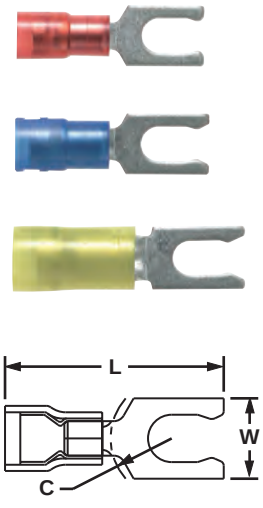
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN18-6LF-C	22 – 18 AWG	Red	0.03	0.145	#6	0.82	0.27	0.22	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PN18-6LFW-C			0.03	0.145	#6	0.85	0.29	0.22			
PN18-8LF-C			0.03	0.145	#8	0.89	0.29	0.25			
PN18-10LF-C			0.03	0.145	#10	0.89	0.33	0.25			
PN18-10LFN-C			0.03	0.145	#10	0.91	0.29	0.25			
PN14-6LF-C	18 – 14 AWG	Blue	0.03	0.162	#6	0.86	0.25	0.22	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PN14-6LFW-C			0.03	0.162	#6	0.84	0.29	0.22			
PN14-8LF-C			0.03	0.162	#8	0.92	0.29	0.25			
PN14-10LF-C			0.03	0.162	#10	0.91	0.33	0.25			
PN14-10LFN-C			0.03	0.162	#10	0.91	0.28	0.25			
PN10-6LF-L	12 – 10 AWG	Yellow	0.04	0.225	#6	1.02	0.30	0.23	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PN10-8LF-L			0.04	0.225	#8	1.05	0.30	0.23			
PN10-10LF-L			0.04	0.225	#10	1.05	0.34	0.23			
PN10-14LF-L			0.04	0.225	1/4"	1.17	0.46	0.32			

**Bulk and/or convenience packaging may be available, contact Panduit Customer Service for additional information.
‡UL Listed, cULus Listed, and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Locking Fork Terminal, Nylon Insulated – Funnel Entry

Type PNF-LF

- Locks in place for secure connection
- Fork design provides for fast and easy installation, without the need to remove fastener
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



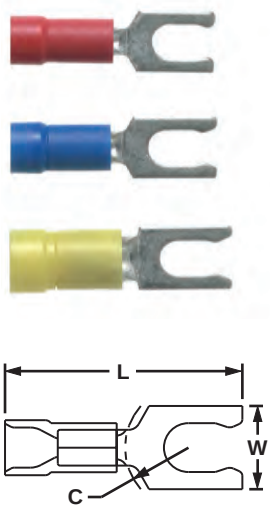
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PNF18-6LF-C	22 – 18 AWG	Red	0.03	0.145	#6	0.82	0.27	0.20	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PNF18-6LFW-C			0.03	0.145	#6	0.85	0.29	0.20			
PNF18-8LF-C			0.03	0.145	#8	0.89	0.29	0.26			
PNF18-10LF-C			0.03	0.145	#10	0.89	0.33	0.25			
PNF14-6LF-C	18 – 14 AWG	Blue	0.03	0.162	#6	0.87	0.25	0.20	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PNF14-6LFW-C			0.03	0.162	#6	0.84	0.29	0.20			
PNF14-8LF-C			0.03	0.162	#8	0.93	0.29	0.25			
PNF14-10LF-C			0.03	0.162	#10	0.93	0.33	0.25			
PNF10-6LF-L	12 – 10 AWG	Yellow	0.04	0.225	#6	1.02	0.30	0.20	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PNF10-8LF-L			0.04	0.225	#8	1.05	0.30	0.20			
PNF10-10LF-L			0.04	0.225	#10	1.05	0.34	0.22			
PNF10-14LF-L			0.04	0.225	1/4"	1.19	0.46	0.33			

**Bulk and/or convenience packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Locking Fork Terminal, Vinyl Insulated – Funnel Entry

Type PV-LF

- Locks in place for secure connection
- Fork design provides for fast and easy installation, without the need to remove fastener
- Insulation support helps to prevent wire damage in bending applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-6LF-CY	22 – 18 AWG	Red	0.03	0.150	#6	0.90	0.27	0.22	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV18-6LFW-CY			0.03	0.150	#6	0.90	0.29	0.22			
PV18-8LF-CY			0.03	0.150	#8	0.97	0.29	0.25			
PV18-10LF-CY			0.03	0.150	#10	0.97	0.33	0.25			
PV18-10LFN-CY			0.03	0.150	#10	0.97	0.29	0.25			
PV14-6LF-C	18 – 14 AWG	Blue	0.03	0.170	#6	0.90	0.25	0.22	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV14-6LFW-C			0.03	0.170	#6	0.90	0.29	0.22			
PV14-8LF-C			0.03	0.170	#8	0.97	0.29	0.25			
PV14-10LF-C			0.03	0.170	#10	0.97	0.33	0.25			
PV14-10LFN-C			0.03	0.170	#10	0.97	0.29	0.25			
PV10-6LF-L	12 – 10 AWG	Yellow	0.04	0.225	#6	1.03	0.30	0.23	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PV10-8LF-L			0.04	0.225	#8	1.05	0.30	0.23			
PV10-10LF-L			0.04	0.225	#10	1.04	0.34	0.23			
PV10-14LF-L			0.04	0.225	1/4"	1.19	0.46	0.36			

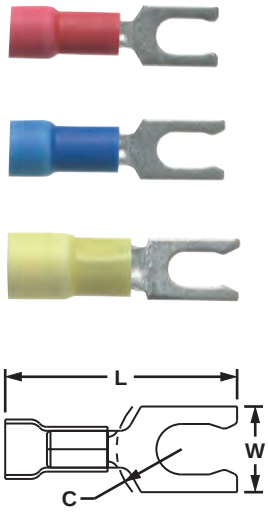
**Bulk and/or convenience packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Order number of pieces required, in multiples of Standard Package Quantity.

Locking Fork Terminal, Vinyl Insulated – Expanded Insulation

Type PV-LFX

- Fork design provides for fast and easy installation, without the need to remove fastener
- Expanded wire entry designed to accommodate wire with a larger insulation thickness
- Locks in place for secure connection
- Insulation support helps to prevent wire damage in bending applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-6LFX-CY	22 – 16 AWG	Red	0.03	0.170	#6	0.95	0.27	0.20	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV18-8LFX-CY			0.03	0.170	#8	1.01	0.29	0.20			
PV18-10LFX-CY			0.03	0.170	#10	1.04	0.33	0.23			
PV14-6LFX-C	18 – 14 AWG	Blue	0.03	0.200	#6	0.95	0.25	0.20	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV14-8LFX-C			0.03	0.200	#8	1.01	0.29	0.23			
PV14-10LFX-C			0.03	0.200	#10	1.01	0.33	0.23			
PV10-6LFX-L	12 – 10 AWG	Yellow	0.04	0.250	#6	1.09	0.30	0.23	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PV10-8LFX-L			0.04	0.250	#8	1.12	0.30	0.23			
PV10-10LFX-L			0.04	0.250	#10	1.12	0.34	0.23			
PV10-14LFX-L			0.04	0.250	1/4"	1.25	0.46	0.32			

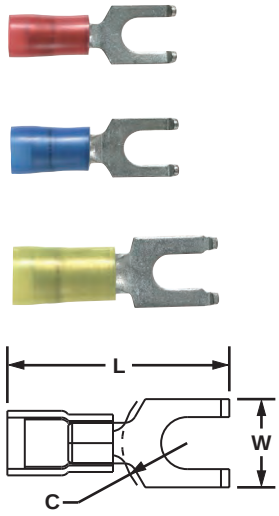
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.

‡UL Listed, cULus Listed, and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Flanged Fork Terminal, Nylon Insulated

Type PN-FF

- Fork design provides for fast and easy installation, without the need to remove fastener
- Flange design provides extra secure connection on a variety of applications
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



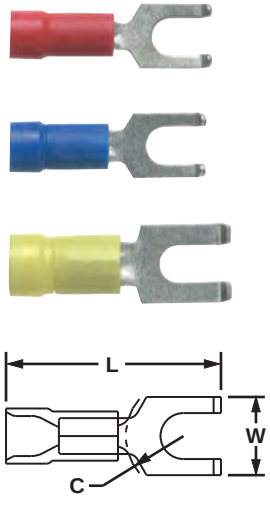
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN18-6FF-C	22 – 16 AWG	Red	0.03	0.136	#6	0.81	0.28	0.20	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PN18-8FF-C			0.03	0.136	#8	0.88	0.31	0.23			
PN18-10FF-C			0.03	0.136	#10	0.86	0.35	0.23			
PN14-6FF-C	18 – 14 AWG	Blue	0.03	0.162	#6	0.79	0.28	0.20	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PN14-8FF-C			0.03	0.162	#8	0.86	0.31	0.23			
PN14-10FF-C			0.03	0.162	#10	0.86	0.36	0.23			
PN10-8FF-L	12 – 10 AWG	Yellow	0.04	0.225	#8	1.05	0.37	0.28	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PN10-10FF-L			0.04	0.225	#10	1.05	0.37	0.28			

**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Flanged Fork Terminal, Vinyl Insulated – Funnel Entry

Type PV-FF

- Fork design provides for fast and easy installation, without the need to remove fastener
- Flange design provides extra secure connection on a variety of applications
- Insulation support helps to prevent wire damage in bending applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-6FF-CY	22 – 16 AWG	Red	0.03	0.136	#6	0.87	0.28	0.19	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV18-8FF-CY			0.03	0.136	#8	0.94	0.31	0.23			
PV18-10FF-CY			0.03	0.136	#10	0.93	0.35	0.23			
PV14-6FF-C	16 – 14 AWG	Blue	0.03	0.165	#6	0.88	0.28	0.19	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	100	500
PV14-8FF-C			0.03	0.165	#8	0.94	0.31	0.23			
PV14-10FF-C			0.03	0.165	#10	0.94	0.35	0.23			
PV10-8FF-L	14 – 10 AWG	Yellow	0.04	0.225	#8	1.03	0.37	0.22	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L‡, CT-2300/ST‡	50	500
PV10-10FF-L			0.04	0.225	#10	1.03	0.37	0.22			

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Order number of pieces required, in multiples of Standard Package Quantity.

LISTED CERTIFIED

Fork Terminal, Non-Insulated

Type P-F

- Fork design provides for fast and easy installation, without the need to remove fastener
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Brazed seam protects terminal barrel from splitting during the crimp process
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Maximum recommended operating temperature 302°F (150°C)
- UL and CSA rated up to 2000 V per UL 486A/B

Part Number	Wire Range	Stock Thickness (In.)	Stud Size	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W	C			
P22-4F-C*	26 – 22 AWG	0.02	#4	0.49	0.20	0.19	CT-200	100	1000
P22-6F-C*		0.02	#6	0.59	0.25	0.26			
P18-6FN-C	22 – 16 AWG	0.03	#6	0.63	0.24	0.19	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-2500/L‡, CT-2300/ST‡	100	1000
P18-6F-C		0.03	#6	0.63	0.30	0.21			
P18-8F-C		0.03	#8	0.69	0.32	0.25			
P18-10FN-C		0.03	#10	0.71	0.31	0.25			
P18-10F-C		0.03	#10	0.71	0.35	0.25			
P18-14F-C		0.03	1/4"	0.88	0.44	0.33			
P14-6FN-C	18 – 14 AWG	0.03	#6	0.63	0.24	0.20	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-2500/L‡, CT-2300/ST‡	100	1000
P14-6F-C		0.03	#6	0.63	0.28	0.20			
P14-8F-C		0.03	#8	0.69	0.31	0.23			
P14-10FN-C		0.03	#10	0.71	0.31	0.25			
P14-10F-C		0.03	#10	0.71	0.34	0.25			
P14-14F-C		0.03	1/4"	0.88	0.44	0.33			
P10-6F-L	12 – 10 AWG	0.04	#6	0.75	0.31	0.22	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-1701‡, CT-2500/L‡, CT-2300/ST‡	50	500
P10-8F-L		0.04	#8	0.78	0.37	0.22			
P10-10F-L		0.04	#10	0.78	0.37	0.23			
P10-14F-L		0.04	1/4"	0.89	0.50	0.30			

*Not UL Listed or CSA Certified.

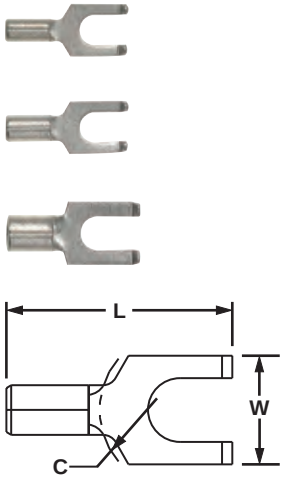
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.

‡UL Listed, cULus Listed, and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Flanged Fork Terminal, Non-Insulated

Type P-FF

- Fork design provides for fast and easy installation, without the need to remove fastener
- Flange design provides extra secure connection on a variety of applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Brazed seam protects terminal barrel from splitting during the crimp process
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Maximum recommended operating temperature 302°F (150°C)
- UL and CSA rated up to 2000 V per UL 486A/B



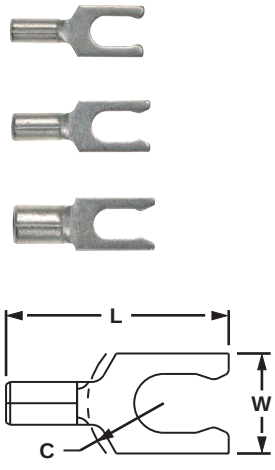
Part Number	Wire Range	Stock Thickness (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P18-8FF-C	22 – 16 AWG	0.03	#8	0.72	0.31	0.25	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-2500/L‡, CT-2300/ST‡	100	500
P14-6FF-C	16 – 14 AWG	0.03	#6	0.65	0.28	0.22			
P14-8FF-C		0.03	#8	0.72	0.31	0.25			
P10-10FF-L	12 – 10 AWG	0.04	#10	0.80	0.38	0.28	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-1701‡, CT-2500/L‡, CT-2300/ST‡	50	

**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Locking Fork Terminal, Non-Insulated

Type P-LF

- Locks in place for secure connection
- Fork design provides for fast and easy installation, without the need to remove fastener
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Brazed seam protects terminal barrel from splitting during the crimp process
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Maximum recommended operating temperature 302°F (150°C)
- UL and CSA rated up to 2000 V per UL 486A/B



Part Number	Wire Range	Stock Thickness (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P18-6LF-C	22 – 16 AWG	0.03	#6	0.68	0.27	0.22	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-2500/L‡, CT-2300/ST‡	100	500
P18-6LFW-C		0.03	#6	0.70	0.29	0.22			
P18-8LF-C		0.03	#8	0.74	0.29	0.23			
P18-10LFN-C***		0.03	#10	0.74	0.28	0.23			
P18-10LF-C		0.03	#10	0.74	0.33	0.23			
P14-6LF-C	18 – 14 AWG	0.03	#6	0.70	0.25	0.22	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-2500/L‡, CT-2300/ST‡	100	500
P14-6LFW-C		0.03	#6	0.70	0.29	0.22			
P14-8LF-C		0.03	#8	0.77	0.29	0.27			
P14-10LFN-C***		0.03	#10	0.77	0.29	0.27			
P14-10LF-C		0.03	#10	0.77	0.33	0.27			
P10-6LF-L	14 – 10 AWG	0.04	#6	0.77	0.30	0.23	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-1701‡, CT-2500/L‡, CT-2300/ST‡	50	500
P10-8LF-L		0.04	#8	0.79	0.30	0.23			
P10-10LF-L		0.04	#10	0.79	0.34	0.23			
P10-14LF-L		0.04	1/4"	0.92	0.46	0.33			

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
***Not CSA certified.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Order number of pieces required, in multiples of Standard Package Quantity.

Plastic Box Terminal Kits

- Ideal for maintenance and construction wiring
- Positive latching case prevents accidental opening
- With the case top closed, parts remain in their compartments
- Case features a hanging tab for storage

KP-1075Y

KP-1165Y

Part Number	Part Description	Std. Pkg. Qty.
KP-1075Y	Terminal kit without crimping tool. Includes the following: (20) PV18-8R; PV18-6F; PV14-8F; PV14-10R; (10) PV10-8R; PV10-10R; DNF14-250; DNF18-250; BSV18X; BSV14X; BSV10X; (10) JN418-212.	1
KP-1000	Empty plastic box, twelve terminal compartments and one tool compartment, measures 11" wide x 6 3/4" deep x 1 3/4" high. Positive latch prevents accidental opening. Once top is closed, terminals remain in their compartments.	
KP-1165Y	Includes the following: (18) PV18-8R; PV14-10R; PV18-6F; PV14-8F; (10) PV10-8R; PV10-10R; BSV18X; BSV14X; BSV10X; DV18-250B; DV14-188B; (5) JN418-212; (1) CT-160 Tool; KP-1000 box.	
KP-1166	Includes the following: (18) P18-8R; P14-10R; P18-6F; P14-8F; (10) P10-8R; P10-10R; BS18; BS14; BS10; D18-250; D14-188; (5) JN218-216; (1) CT-160 tool; KP-1000 box.	

Steel Kit Boxes

- Latch prevents accidental opening
- Once lid is closed, terminals remain in their compartments
- Handle for portability or as drawer pull when used in rack
- Drop-in label area on front measures: 2.13"H x 13.75"W x 9.75"D (54.0mm x 349.3mm x 247.7mm)

Part Number	Part Description	Std. Pkg. Qty.
K-1000	Empty steel box, 20 terminal compartments and one tool compartment, dimensions: 2.00"H x 13.33"W x 9.33"D (50.8mm x 338.6mm x 237.0mm).	1
K-1001	Empty steel kit box, 16 terminal compartments and one tool compartment, box dimensions: 2.00"H x 13.33"W x 9.33"D (50.8mm x 338.6mm x 237.0mm).	
K-1100	Steel box and CT-100A crimping tool.	
K-1102Y	Includes the following: (100) PV18-6LF; PV18-8LF; PV14-8LF; PV14-10LF; BSV18X; BSV14X; (50) PV10-10LF; BSV10X; (1) CT-100A tool; K-1000 box.	
K-1103Y	Includes the following: (100) DV18-250B; DV14-250B; DV14-250MB; D18-250; D14-250; (50) DV10-250; D10-250; (1) CT-100A tool; K-1000 box.	
K-1104	Includes the following: (50) PN18-10R; PN14-6R; PN14-10R; PN18-6F; PN14-6F; PN14-10F; (25) PN10-10R; PN10-56R; PN10-10F; BSN14; BSN10; JN418-212; (1) CT-100A tool; K-1000 box.	

Steel Slide Racks

- Steel boxes for cable tie kits and K-1000 terminal kits
- Steel boxes and storage slide racks can be combined for neat and organized storage of cable ties and terminals
- Rugged and durable steel construction
- Empty boxes, full kits, and slide racks are purchased according to your application needs

Part Number	Part Description	Std. Pkg. Qty.
SR2	2-drawer slide rack to hold K-504 cable tie kit or K-1000 series terminal kit. Dimensions: 6.25"H x 15.25"W x 11.75"D (158.7mm x 387.4mm x 298.5mm).	1
SR4	4-drawer slide rack to hold K-1000 series terminal kit. Dimensions: 11.25"H x 15.25"W x 11.75"D (285.8mm x 387.4mm x 298.5mm).	
SR6	6-drawer slide rack to hold K-1000 series terminal kit. Dimensions: 16.38"H x 15.25"W x 11.75"D (416.1mm x 387.4mm x 298.5mm).	

Slide racks will accommodate the following Panduit® kits:			
K-1000	K-1100	K-1103Y	K1-PNKIT
K-1001	K-1102Y	K-1104	K2-PVKITY

Industrial Maintenance Kits

- Steel kits have individual compartments for storage of terminals
- Convenient carrying handle
- Once top is closed, terminals remain in their compartments

K1-PNKIT

K2-PVKITY

K-205

Part Number	Part Description	Std. Pkg. Qty.
K1-PNKIT	Kit contains: (1) K-1001 steel kit box (1) CT-100A installation tool Cable Ties (100) PLT2S cable ties Terminals (100) PN18-6LF locking fork terminals (100) PN14-8LF locking fork terminals (50) PN10-10LF locking fork terminals (100) PN18-8F fork terminals (100) PN18-10R ring terminals (100) PN14-6R ring terminals (100) PN14-10R ring terminals (50) PN10-10R ring terminals Disconnects (100) DNF18-250 disconnects (100) DNF14-250 disconnects (50) DV10-250 disconnects Splices (50) BSN18 butt splices (50) BSN14 butt splices (25) BSN10 butt splices Marking System (1) PMD-0-9 marking dispenser and tape (100) MP150 marker tags (1) PX-0 marker	
K2-PVKITY	Kit contains: (1) K-1001 steel kit box (1) CT-100A installation tool Cable Ties (100) PLT2S cable ties Terminals (100) PV18-8F fork terminals (100) PV18-6LF locking fork terminals (100) PV14-8LF locking fork terminals (50) PV10-10LF locking fork terminals (100) PV18-8R ring terminals (100) PV14-10R ring terminals (50) PV10-10R ring terminals Disconnects (100) DNF18-250 disconnects (100) DV14-250B disconnects (50) DV10-250 disconnects Splices (50) BSV18X butt splices (50) BSV14X butt splices (25) BSV10X butt splices Wire Joints (30) JN224-318 (15) JN418-212 Marking System (1) PMD-0-9 marking dispenser and tape	1
K-205*	**Kit for Indoor Use** Pan-Ty® Cable Ties, cable tie installation tool, terminals, splices and crimp tool: (1) GTS tool (1) CT-100A crimp tool Natural Nylon 6.6 Cable Ties (100) PLT1M (100) PLT1.5I (100) PLT2S Terminals (100) PV18-6LF (100) PV14-8LF (100) PV14-10LF (50) PV10-10LF Splices (50) BSV10X (100) BSV14X (100) BSV18X	

*The K-205 does not fit into the SR2, SR4, or SR6.

Order number of pieces required, in multiples of Standard Package Quantity.

Disconnects

Panduit® Pan-Term® Disconnects are designed and precision made to function as a reliable method of making quick, repeatable interconnections. Available with nylon, premium nylon, vinyl insulation or non-insulated.

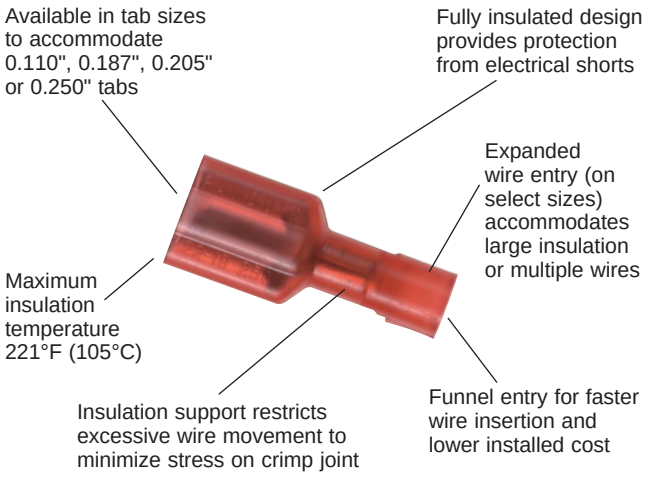
- **Fully insulated design provides excellent protection from electrical shorts and provides additional installer protection for safety from electrical shocks**
- **Funnel entry speeds insertion and minimizes turned back wire strands**
- **Integrated metal insulation grip provides double crimp insulation grip for high vibration or conductor strain environments on select Supra-Grip™ Disconnects and DiscoGrip™ Disconnects**
- **Applicable sizes are UL Listed and CSA Certified, as noted**
- **Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost**

Panduit continually provides new designs to meet the application challenges encountered by our customers. Panduit offers a wide assortment of Pan-Term® termination products at the lowest installed cost.

Features and Benefits – Pan-Term® Disconnects

Pan-Term® Disconnects are fabricated from brass and are electro tin-plated for a long, corrosion resistant operating life.

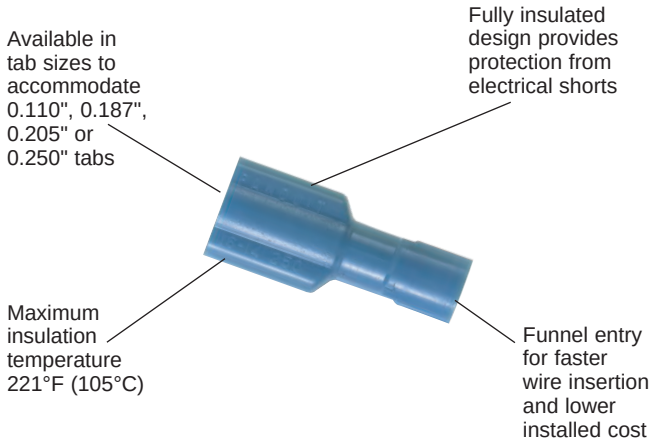
Nylon Fully Insulated Female Receptacles and Male Tabs Type DNF-FIB



LISTED CERTIFIED

UL and CSA rated up to 600 V per UL 310.
Flammability – UL 94 HB.

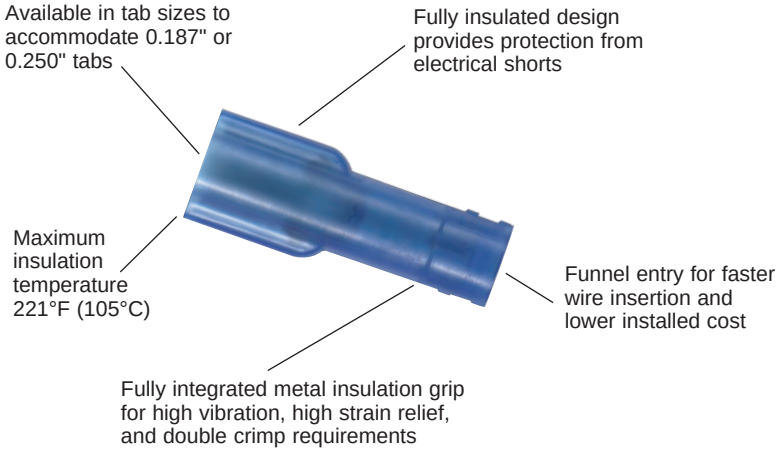
Disco-Grip™ Premium Nylon Fully Insulated Female Receptacles and Male Tabs Type DPF



LISTED CERTIFIED

UL and CSA rated up to 600 V per UL 310.
Male products available 0.250" width in standard and oversized housing configurations.

Supra-Grip™ Nylon Fully Insulated Female Disconnects Type DNG-FB



LISTED CERTIFIED

UL and CSA rated up to 600 V per UL 310.
Flammability – UL 94 HB.

Panduit® designs and manufactures a full line of labeling products, software, and printers to assist you with your labeling requirements.

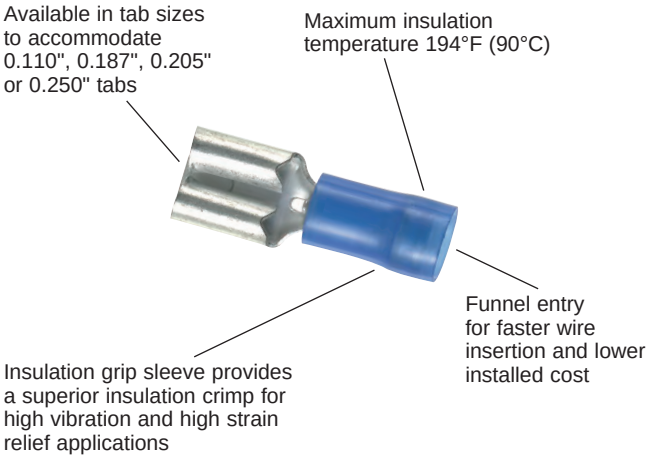
See pages E1.1 – E2.29.

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

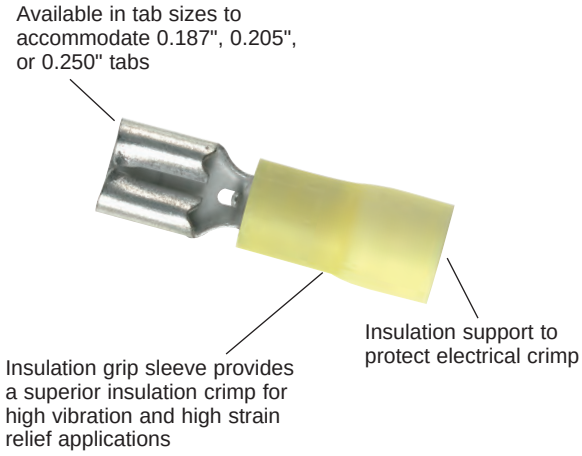
Features and Benefits – Pan-Term® Disconnects (continued)

Nylon Barrel Insulated Female Receptacles and Male Tabs Type DNF



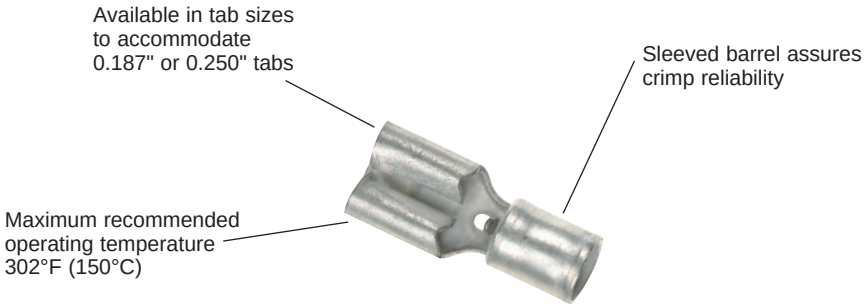
UL and CSA rated up to 300 V per UL 310.
Flammability – UL 94 HB.
Male products available 0.250" width.

Vinyl Barrel Insulated Female Receptacles and Male Tabs Type DV and DVF

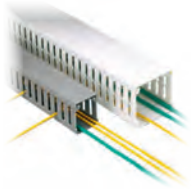


UL and CSA rated up to 300 V per UL 310.
Male products available 0.250" width.
Flammability – UL 94V-0.

Non-Insulated Female Receptacles and Male Tabs Type D



UL and CSA rated up to 2000 V per UL 310.
Male products available 0.250" width.



Panduit® wiring duct offers a wide variety of sizes and types to meet the wire capacity needs and space constraints of the smallest wall mounted to the largest integrated systems.

See pages C1.1 – C1.53.

A comprehensive selection of cable ties used to bundle, mount, and identify wire and cable.

See pages B1.1 – B1.106.

Selection Guide – Pan-Term® Disconnects

Disconnects

Material	Style	Design	Feature	Type	Page Number
Nylon	Fully Insulated	Female	Funnel Entry, Ins. Grip	DNG-FB	D1.35
		Female	Funnel, Ins. Support, Two-Pc.	DNF-FIB	D1.37
		Female	Funnel, Ins. Support, Three-Pc.	DNF-FI	D1.37
		Female	Funnel Entry, Premium Nylon	DPF-FIB	D1.38
		Male	Funnel, Ins. Support, Two-Pc.	DNF-FIM	D1.36
		Male	Premium Nylon	DPF-FIM	D1.38
		Female Right Angle	Funnel Entry, Ins. Support	DNFR-FIB	D1.41
		Female Right Angle	Funnel Entry, Open Top	DNFR-B	D1.42
	Barrel Insulated	Female	Funnel Entry, Ins. Grip	DNF	D1.39
		Male	Funnel Entry, Ins. Grip	DNF-M	D1.43
Vinyl	Barrel Insulated	Female	Funnel Entry, Ins. Grip, Three-Pc.	DVF	D1.40
		Female	Funnel Entry, Butted Seam, Two-Pc.	DV-B	D1.40
		Male	Funnel Entry, Butted Seam, Two-Pc.	DV-MB	D1.44
		Piggyback	Funnel Entry, Ins. Grip	DV-P	D1.43
Heat Shrink	Fully Insulated	Female	Heat Shrink Insulated	DNH-FIB	D1.38
		Male	Heat Shrink Insulated	DNH-FIM	D1.38
Non-Insulated		Female	Sleeved Barrel	D	D1.41
		Female Right Angle	Sleeved Barrel	DR	D1.42
		Male	Butted Seam	D-MB	D1.44
		Adapter	Two Female to One Male	D-A	D1.43

Order number of pieces required, in multiples of Standard Package Quantity.

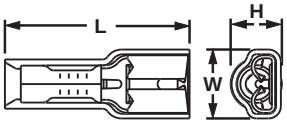
Part Number System for Pan-Term® Disconnects

P	NF	—	14	250	FIB	—	M
Type	**Insulation**		**Wire Range**	**Tab Size**	**Special Configuration**		**Std. Pkg. Size**
D = Disconnects	N = Nylon NF = Nylon, Funnel Entry NFR = Nylon, Funnel Entry, Right Angle NG = Nylon, Funnel Entry, Metal Insulation Grip NH = Heat Shrink PF = Premium Grade Nylon, Funnel Entry R = Non-insulated, Right Angle V = Vinyl VF = Vinyl Funnel Entry = Non-Insulated (leave blank)		18 = #22 – 18 14 = #16 – 14 10 = #12 – 10	110 = 0.110 x 0.032 111 = 0.110 x 0.020 187 = 0.187 x 0.032 188 = 0.187 x 0.020 205 = 0.187/0.205 x 0.032 206 = 0.187/0.205 x 0.020 250 = 0.250 x 0.032	A = Adapter B = Butted Seam FB = Metal Insulation Grip, Female FI = Fully Insulated, Female FIB = Fully Insulated, Butted Seam, Female FIM = Fully Insulated, Male FIMB = Fully Insulated, Male with oversized housing M = Male M B = Butted, Male P = Piggyback = Female (leave blank)		Q = 25 L = 50 C = 100 D = 500 M = 1000

Supra-Grip™ Female Disconnect, Nylon Fully Insulated – Funnel Entry

Type DNG-FB

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Flared barrel extension integrated into stamping to provide insulation grip for double crimp requirements
- Fully insulated design provides protection from electrical shorts
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher-quality connection
- Mates with DNF-FIMB family
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)			Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W	C				
DNG18-187FB-C	22 – 18 AWG	Red	0.126	0.89	0.29	0.22	0.187 x 0.032	CT-1015	100	1000
DNG18-188FB-C				0.89	0.29	0.22	0.187 x 0.020			
DNG18-250FB-L				0.93	0.35	0.22	0.250 x 0.032		50	250
DNG14-187FB-L*	16 – 14 AWG	Blue	0.153	0.89	0.29	0.25	0.187 x 0.032	CT-1015	50	250
DNG14-188FB-L*				0.89	0.29	0.25	0.187 x 0.020			
DNG14-250FB-L				0.93	0.35	0.25	0.250 x 0.032			

*UL Recognized for use with copper alloy tabs.

**Bulk packaging may be available, contact Panduit® Customer Service for additional information. For crimping tool information see www.panduit.com/tools.

Male/Female Coupler, Nylon Fully Insulated – Funnel Entry

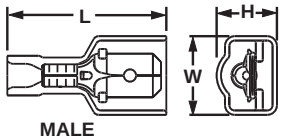
LISTED CERTIFIED

Type DNF

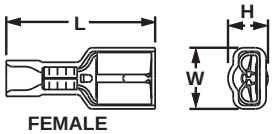
- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Fully insulated design provides protection from electrical shorts
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- Coupler, male, and female parts sold separately
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310

MALE

FEMALE



MALE



FEMALE

Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)			Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W	C				
DNF18-250FIM-L Male	22 – 18 AWG	Red	0.133	0.90	0.42	0.27	0.250 x 0.032	CT-100A‡, UP14ZLW, CT-1525‡, CT-2500/L, CT-2300/ST	50	250
DNF18-250FIMB-L Male			0.136	0.91	0.45	0.34			50	500
DNF18-250FIB-C Female			0.136	0.84	0.35	0.22	0.250 x 0.032	CT-100A, UP14ZLW, CT-1525‡, CT-2500/L, CT-2300/ST	100	1000
DNF14-250FIM-L Male	16 – 14 AWG	Blue	0.158	0.90	0.42	0.27	0.250 x 0.032	UP14ZLW, CT-1525‡, CT-2500/L, CT-2300/ST	50	250
DNF14-250FIMB-Q Male			0.160	0.91	0.45	0.34			25	125
DNF14-250FIB-C Female			0.160	0.84	0.35	0.22	0.250 x 0.032	CT-100A, UP14ZLW, CT-1525‡, CT-2500/L, CT-2300/ST	100	1000
DNF10-250FIMB-Q Male	12 – 10 AWG	Yellow	0.220	0.96	0.45	0.36	0.250 x 0.032	UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L, CT-2300/ST	25	125
DNF10-250FI-L Female			0.220	0.95	0.36	0.27	0.250 x 0.032	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L, CT-2300/ST	50	500

**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Order number of pieces required, in multiples of Standard Package Quantity.

Female Disconnect, Nylon Fully Insulated – Funnel Entry

Type DNF-FIB

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Fully insulated design provides protection from electrical shorts
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310

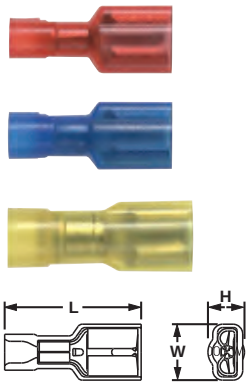
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	C	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNF18-110FIB-C	22 – 18 AWG	Red	0.120	0.71	0.19	0.16	0.110 x 0.032	CT-100A, UP14ZLW, CT-1525‡, CT-2500/L, CT-2300/ST	100	1000
DNF18-111FIB-C			0.120	0.71	0.19	0.16	0.110 x 0.020			
DNF18-187FIB-C			0.136	0.78	0.29	0.16	0.187 x 0.032			
DNF18-188FIB-C			0.136	0.78	0.29	0.16	0.187 x 0.020			
DNF18-205FIB-L			0.136	0.78	0.31	0.22	0.205/0.187 x 0.032		50	250
DNF18-206FIB-L			0.136	0.78	0.31	0.22	0.205/0.187 x 0.020		50	250
DNF18-250FIB-C			0.136	0.84	0.35	0.22	0.250 x 0.032		100	1000
DNF14-187FIB-C	16 – 14 AWG	Blue	0.160	0.78	0.29	0.18	0.187 x 0.032	CT-100A, UP14ZLW, CT-1525‡, CT-2500/L, CT-2300/ST	100	1000
DNF14-188FIB-C			0.160	0.78	0.29	0.18	0.187 x 0.020			
DNF14-205FIB-C			0.160	0.78	0.31	0.22	0.205/0.187 x 0.032			
DNF14-206FIB-C			0.160	0.78	0.31	0.22	0.205/0.187 x 0.020			
DNF14-250FIB-C			0.160	0.84	0.35	0.22	0.250 x 0.032			
DNF10-250FIB-L	12 – 10 AWG	Yellow	0.220	0.96	0.35	0.23	0.250 x 0.032	CT-1525‡, CT-2500/L, CT-2300/ST	50	500
Female Disconnect Nylon Insulated – Expanded Entry										
DNF18205FIBX-L*	22 – 18 AWG	Red	0.210	0.87	0.31	0.22	0.205/0.187 x 0.032	CT-100A	50	250
DNF18206FIBX-L*			0.210	0.87	0.31	0.22	0.205/0.187 x 0.020			
DNF18250FIBX-L*			0.210	0.93	0.35	0.22	0.250 x 0.032			
DNF14206FIBX-L*	16 – 14 AWG	Blue	0.240	0.87	0.31	0.22	0.205/0.187 x 0.020	CT-100A		
DNF14250FIBX-L*			0.240	0.93	0.35	0.22	0.250 x 0.032			

Not UL or CSA certified
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Female Disconnect, Nylon Fully Insulated – Funnel Entry, Metal Collar

Type DNF-FI

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Fully insulated design provides protection from electrical shorts
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- Barrel design with larger outside diameter for use with more common hand tools
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



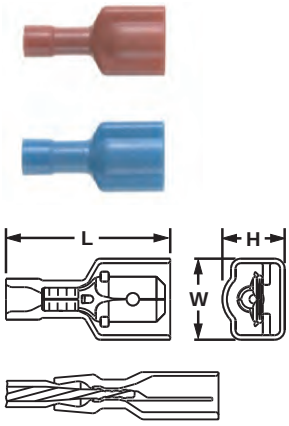
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	C	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNF18-250FI-L	22 – 18 AWG	Red	0.140	0.94	0.36	0.21	0.250 x 0.032	CT-100A, UP14ZLW, CT-1550, CT-1551, CT-2500/L, CT-2300/ST	50	250
DNF14-250FI-L	16 – 14 AWG	Blue	0.160	0.94	0.36	0.24				
DNF10-250FI-L	12 – 10 AWG	Yellow	0.220	0.95	0.36	0.27	0.250 x 0.032	CT-100A‡, UP14ZLW‡, CT-1550‡, CT-1551‡, CT-2500/L, CT-2300/ST	50	500

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

DiscoGrip™ Male Disconnect, Premium Nylon Fully Insulated – Funnel Entry

Type DPF-FIM

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Premium nylon insulation retains its shape when crimped and provides a tight grip around the wire insulation for maximum strain relief
- Fully insulated design provides protection from electrical shorts
- Oversized housing designed for maximum versatility to mate with most commercially available fully insulated female disconnects
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- Maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



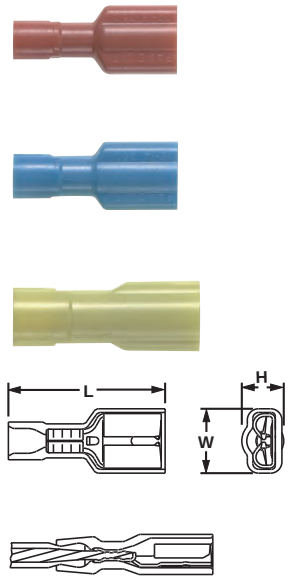
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	C	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DPF18-250FIM-L	22 – 18 AWG	Red	0.133	0.90	0.41	0.29	0.250 x 0.032	UP14ZLW, CT-1525, CT-2500/L, CT-2300/ST	50	250
DPF14-250FIM-L	16 – 14 AWG	Blue	0.156	0.90	0.41	0.29				
DPF18-250FIMB-L*	22 – 18 AWG	Red	0.133	0.92	0.46	0.34	0.250 x 0.032		50	500
DPF14-250FIMB-Q*	16 – 14 AWG	Blue	0.156	0.92	0.46	0.34	0.250 x 0.032		25	125

*Oversized housing design will mate with receptacles up to 0.390" wide and 0.235" (0.285" high for parts with orientation bump).
**Bulk packaging may be available, contact Panduit® Customer Service for additional information. For crimping tool information see www.panduit.com/tools.

DiscoGrip™ Female Disconnect, Premium Nylon Fully Insulated – Funnel Entry

Type DPF-FIB

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Premium nylon insulation retains its shape when crimped and provides a tight grip around the wire insulation for maximum strain relief
- Fully insulated design provides protection from electrical shorts
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- Maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	C	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DPF18-110FIB-C	22 – 18 AWG	Red	0.132	0.71	0.19	0.16	0.110 x 0.032	UP14ZLW‡, CT-1525‡, CT-2500/L, CT-2300/ST	100	1000
DPF18-111FIB-C			0.132	0.71	0.19	0.16	0.110 x 0.020			
DPF18-205FIB-C			0.133	0.78	0.31	0.22	0.205/0.187 x 0.032			
DPF18-206FIB-C			0.133	0.78	0.31	0.22	0.205/0.187 x 0.020			
DPF18-250FIB-C			0.133	0.84	0.35	0.22	0.250 x 0.032			
DPF14-205FIB-C	16 – 14 AWG	Blue	0.156	0.78	0.31	0.22	0.205/0.187 x 0.032	UP14ZLW‡, CT-1525‡, CT-2500/L, CT-2300/ST	100	1000
DPF14-206FIB-C			0.156	0.78	0.31	0.22	0.205/0.187 x 0.020			
DPF14-250FIB-C			0.156	0.84	0.35	0.22	0.250 x 0.032			
DPF10-250FI-L*	12 – 10 AWG	Yellow	0.218	0.95	0.36	0.27	0.250 x 0.032	UP14ZLW, CT-1525, CT-2500/L, CT-2300/ST	50	500
DPF10-250FIB-L			0.220	0.96	0.35	0.23				

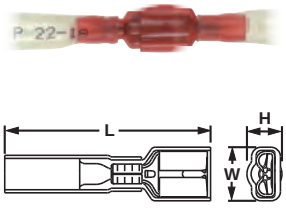
*Not UL listed or CSA approved.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Order number of pieces required, in multiples of Standard Package Quantity.

Heat Shrink Disconnects, Fully Insulated – Funnel Entry

Type DNH

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Fully insulated design provides protection from electrical shorts
- Heat shrink sleeving forms a protective barrier to provide environmentally sealed terminations ideal for high moisture applications
- Heat shrink sleeving provides additional level of strain relief for the wire
- Minimum continuous operating temperature -65°F (-55°C)
- Maximum continuous operation temperature 230°F (110°C)
- Shrink temperature 300°F (150°C)
- Rated up to 600 V



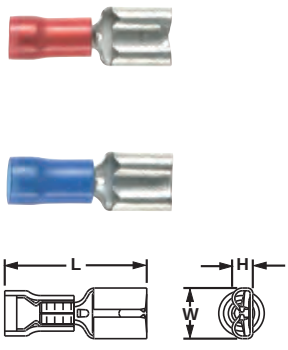
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	C	Type	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DNH18-250FIM-Q	22 – 18 AWG	Red	0.133	1.50	0.41	0.31	Male	0.250 x 0.032	CT-310	25	125
DNH18-250FIB-Q			0.132	1.44	0.35	0.22	Female				
DNH14-250FIM-Q	16 – 14 AWG	Blue	0.158	1.50	0.41	0.31	Male				
DNH14-250FIB-Q			0.156	1.44	0.35	0.22	Female				
DNH10-250FI-E	12 – 10 AWG	Yellow	0.230	1.44	0.35	0.27	Female		CT-310	20	100

For crimping tool information see www.panduit.com/tools.

Female Disconnect, Nylon Barrel Insulated – Funnel Entry

Type DNF

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- UL Flammability UL 94 HB, maximum insulation temperature 194°F (90°C)
- UL and CSA rated up to 300 V per UL 310



Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	C	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNF18-110-C	22 – 18 AWG	Red	0.100	0.69	0.15	0.08	0.110 x 0.032	UP14ZLW‡, CT-1525‡, CT-2500/L, CT-2300/ST	100	500
DNF18-111-C			0.100	0.69	0.15	0.07	0.110 x 0.020			
DNF18-187-C			0.137	0.76	0.23	0.10	0.187 x 0.032	UP14ZLW‡, CT-1550, CT-1551, CT-2500/L, CT-2300/ST	100	500
DNF18-188-C			0.137	0.76	0.23	0.10	0.187 x 0.020			
DNF18-205-C			0.137	0.76	0.25	0.12	0.205/0.187 x 0.032			
DNF18-206-C			0.137	0.76	0.25	0.12	0.205/0.187 x 0.020			
DNF18-250-C			0.138	0.81	0.29	0.12	0.250 x 0.032			
DNF14-110-C*	16 – 14 AWG	Blue	0.162	0.75	0.15	0.08	0.110 x 0.032	CT-1550, CT-2500/L, CT-2300/ST	100	500
DNF14-111-C*			0.162	0.75	0.15	0.07	0.110 x 0.020			
DNF14-187-C			0.162	0.76	0.23	0.10	0.187 x 0.032	UP14ZLW‡, CT-1550, CT-1551, CT-2500/L, CT-2300/ST	100	500
DNF14-188-C			0.162	0.76	0.23	0.10	0.187 x 0.020			
DNF14-205-C			0.162	0.76	0.25	0.12	0.205/0.187 x 0.032			
DNF14-206-C			0.162	0.76	0.25	0.12	0.205/0.187 x 0.020			
DNF14-250-C			0.162	0.83	0.29	0.12	0.250 x 0.032			

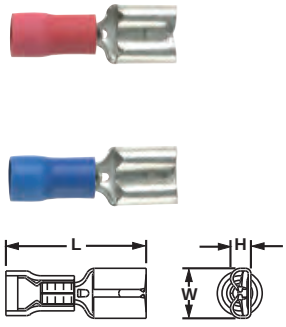
*Not UL listed or CSA approved.
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Female Disconnect, Vinyl Barrel Insulated – Funnel Entry

LISTED CERTIFIED

Type DVF

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- UL Flammability UL 94V-0, maximum insulation temperature 194°F (90°C)
- UL and CSA rated up to 300 V per UL 310



Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	C	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DVF18-187-CY	22 – 18 AWG	Red	0.137	0.76	0.23	0.10	0.187 x 0.032	CT-1550‡, CT-1551‡, CT-2500/L, CT-2300/ST	100	1000
DVF18-188-CY			0.137	0.76	0.23	0.10	0.187 x 0.020		100	500
DVF18-205-CY			0.137	0.76	0.25	0.12	0.205/0.187 x 0.032			
DVF18-206-CY			0.137	0.76	0.25	0.12	0.205/0.187 x 0.020			
DVF18-250-CY			0.137	0.81	0.29	0.12	0.250 x 0.032			
DVF14-187-C	16 – 14 AWG	Blue	0.162	0.76	0.23	0.10	0.187 x 0.032	CT-1550‡, CT-1551‡, CT-2500/L, CT-2300/ST	100	
DVF14-188-C			0.162	0.76	0.23	0.10	0.187 x 0.020			
DVF14-205-C			0.162	0.76	0.25	0.12	0.205/0.187 x 0.032			
DVF14-206-C			0.162	0.76	0.25	0.12	0.205/0.187 x 0.020			
DVF14-250-C			0.162	0.81	0.29	0.12	0.250 x 0.032			

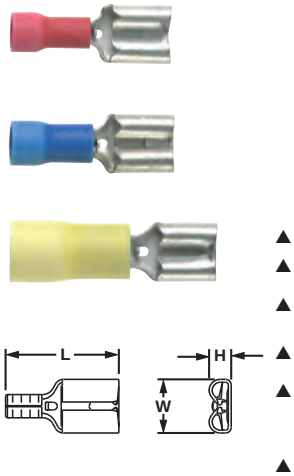
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Female Disconnect, Vinyl Barrel Insulated – Butted Seam

LISTED CERTIFIED

Type DV-B

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	C	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DV18-187B-CY	22 – 18 AWG	Red	0.150	0.75	0.23	0.10	0.187 x 0.032	CT-1525‡, CT-2500/L, CT-2300/ST	100	500
DV18-188B-CY			0.150	0.76	0.23	0.10	0.187 x 0.020			
DV18-205B-CY			0.150	0.75	0.25	0.12	0.187/0.205 x 0.032			
DV18-206B-CY			0.150	0.75	0.25	0.12	0.187/0.205 x 0.020			
DV18-250B-CY			0.150	0.81	0.29	0.12	0.250 x 0.032			
▲ DV14-187B-C	16 – 14 AWG	Blue	0.170	0.75	0.23	0.10	0.187 x 0.032	CT-1525^, CT-2500/L, CT-2300/ST	100	500
▲ DV14-188B-C			0.162	0.79	0.23	0.10	0.187 x 0.020			
▲ DV14-205B-C			0.170	0.75	0.25	0.12	0.187/0.205 x 0.032			
▲ DV14-206B-C			0.170	0.75	0.25	0.12	0.187/0.205 x 0.020			
▲ DV14-250B-C			0.170	0.81	0.29	0.12	0.250 x 0.032			
▲ DV10-250-L*	12 – 10 AWG	Yellow	0.229	1.03	0.30	0.13	0.250 x 0.032	UP14ZLW, CT-1550^, CT-1551^, CT-2500/L, CT-2300/ST	50	500

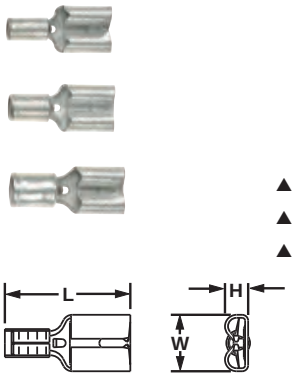
*Sleeved barrel, maximum insulation temperature 194°F (90°C).
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.
^CSA approved tooling/product combinations.
▲UL Recognized only.

Order number of pieces required, in multiples of Standard Package Quantity.

Female Disconnect, Non-Insulated – Metal Sleeve

Type D

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Sleeved barrel helps to facilitate high mechanical and electrical performance when crimping
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- Maximum recommended operating temperature 302°F (150°C)
- UL and CSA rated up to 2000 V per UL 310



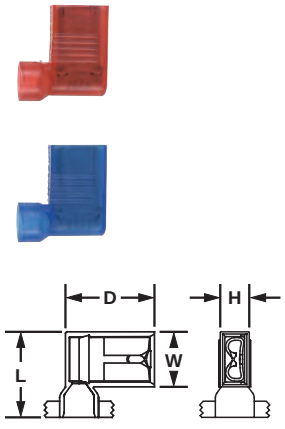
Part Number	Wire Range	Figure Dimensions (In.) L	W	C	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
D18-187-C	22 – 18 AWG	0.58	0.23	0.10	0.187 x 0.032	CT-100A‡, CT-200‡, CT-1570‡, CT-2500/L, CT-2300/ST	100	500
D18-188-C		0.58	0.23	0.10	0.187 x 0.020			
D18-250-C		0.66	0.30	0.12	0.250 x 0.032			
▲ D14-187-C	16 – 14 AWG	0.58	0.23	0.10	0.187 x 0.032	CT-100A, CT-200, UP14ZLW, CT-1570, CT-2500/L, CT-2300/ST	100	
▲ D14-188-C		0.58	0.23	0.10	0.187 x 0.020			
▲ D14-250-C		0.66	0.30	0.12	0.250 x 0.032			
D10-250-L	12 – 10 AWG	0.72	0.30	0.12	0.250 x 0.032	UP14ZLW‡, CT1570‡, CT-1701‡, CT-2500/L, CT-2300/ST	50	

**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.
▲UL Recognized only.

Right Angle Female Disconnect, Nylon Fully Insulated – Funnel Entry

Type DNFR-FIB

- Right angle design for use in limited space applications
- Fully insulated design provides protection from electrical shorts
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



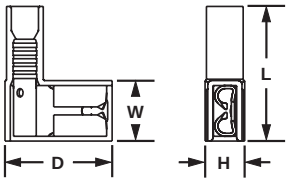
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	H	D	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNFR18-205FIB-L	22 – 18 AWG	Red	0.178	0.58	0.37	0.21	0.60	0.205/0.187 x 0.032	CT-300-1	50	250
DNFR18-206FIB-L			0.178	0.58	0.37	0.21	0.60	0.205/0.187 x 0.020			
DNFR18-250FIB-L			0.178	0.58	0.37	0.21	0.60	0.250 x 0.032			
DNFR14-205FIB-L	16 – 14 AWG	Blue	0.178	0.58	0.37	0.21	0.60	0.205/0.187 x 0.032	CT-300-1	50	250
DNFR14-206FIB-L			0.178	0.58	0.37	0.21	0.60	0.205/0.187 x 0.020			
DNFR14-250FIB-L			0.178	0.58	0.37	0.21	0.60	0.250 x 0.032			

**Bulk packaging may be available, contact Panduit Customer Service for additional information. For crimping tool information see www.panduit.com/tools.

Right Angle Female Disconnect, Nylon Insulated – Funnel Entry

Type DNFR-B

- Right angle design for use in limited space applications
- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Longer barrel design for use with Panduit® standard disconnect tool
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



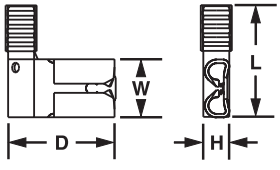
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	H	D	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DNFR18-205B-L	22 – 18 AWG	Red	0.130	0.78	0.36	0.20	0.62	0.205/0.187 x 0.032	CT-1525‡, CT-2500/L, CT-2300/ST	50	500
DNFR18-206B-L			0.130	0.78	0.36	0.20	0.62	0.205/0.187 x 0.020			
DNFR18-250B-L			0.130	0.78	0.36	0.20	0.62	0.250 x 0.032			
DNFR14-205B-L	16 – 14 AWG	Blue	0.155	0.78	0.36	0.20	0.63	0.205/0.187 x 0.032	CT-1525‡, CT-2500/L, CT-2300/ST	50	500
DNFR14-206B-L			0.155	0.78	0.36	0.20	0.63	0.205/0.187 x 0.020			
DNFR14-250B-L			0.155	0.78	0.36	0.20	0.63	0.250 x 0.032			

**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Right Angle Female Disconnect, Non-Insulated – Metal Sleeve

Type DR

- Right angle design for use in limited space applications
- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Sleeved barrel helps to facilitate high mechanical and electrical performance when crimping
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Maximum recommended operating temperature 302°F (150°C)
- UL and CSA rated up to 2000 V per UL 310



Part Number	Wire Range	Figure Dimensions (In.) L	W	H	D	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DR18-205-C	22 – 18 AWG	0.54	0.25	0.12	0.53	0.205/0.187 x 0.032	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-2500/L, CT-2300/ST	100	1000
DR18-206-C		0.54	0.25	0.12	0.53	0.205/0.187 x 0.020			
DR18-250-C		0.57	0.30	0.12	0.54	0.250 x 0.032			
DR14-205-C	16 – 14 AWG	0.54	0.25	0.12	0.55	0.205/0.187 x 0.032	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-2500/L, CT-2300/ST	100	1000
DR14-206-C		0.54	0.25	0.12	0.55	0.205/0.187 x 0.020			
▲DR14-250-C		0.57	0.30	0.12	0.55	0.250 x 0.032			
DR10-250-L	12 – 10 AWG	0.61	0.30	0.12	0.57	0.250 x 0.032	CT-100A‡, CT-200‡, UP14ZLW‡, CT-1570‡, CT-1701‡, CT-2500/L, CT-2300/ST	50	500

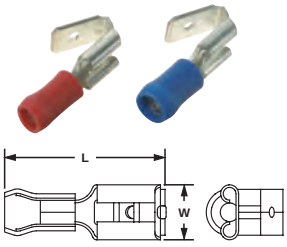
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.
▲UL Recognized only.

Order number of pieces required, in multiples of Standard Package Quantity.

Piggyback Disconnect, Vinyl Insulated

Type DV-P

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Combination of female disconnect and male tab allows versatility in points of connection
- Multiple connection points allow additional circuits to be added to existing equipment without expensive rework
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- UL Flammability UL 94 HB, maximum insulation temperature 194°F (90°C)
- Rated up to 300 V



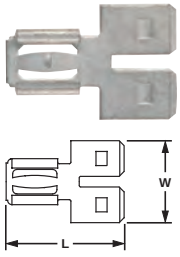
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)		Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W				
DV18-250P-LY	22 – 18 AWG	Red	0.130	0.88	0.29	0.250 x 0.032	CT-100A, CT-260, CT-1550, CT-1551, CT-2500/L, CT-2300/ST	50	250
DV14-250P-L	16 – 14 AWG	Blue	0.160	0.88	0.29				

**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
For crimping tool information see www.panduit.com/tools.

Disconnect Adapter, Non-Insulated

Type D-A

- Couples two female disconnects to one male disconnect (all 0.250 x 0.032)
- Multiple connection points allow additional circuits to be added to existing equipment without expensive rework
- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Maximum recommended operating temperature 302°F (150°C)
- Rated up to 2000 V



Part Number	Figure Dimensions (In.)		Tab Size (In.)	Std. Pkg. Qty.**	Std. Ctn. Qty.
	L	W			
D-250A-C	0.82	0.57	0.250 x 0.032	100	1000

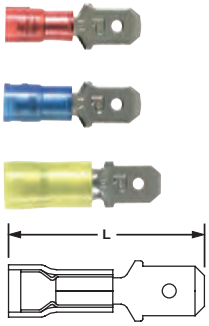
**Bulk packaging may be available, contact Panduit Customer Service for additional information.

Male Disconnect, Nylon Barrel Insulated – Funnel Entry

LISTED CERTIFIED

Type DNF-M

- Male tab couples with (all 0.250 x 0.032) female disconnects
- Male tab can be inserted and removed from the female disconnect without the use of tools for lower installed cost
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



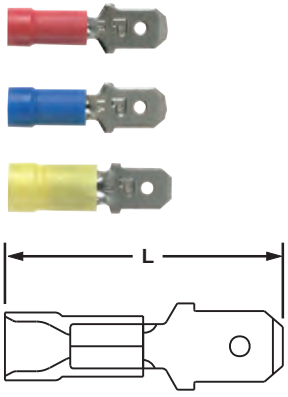
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L				
DNF18-250M-C	22 – 18 AWG	Red	0.136	0.90	0.250 x 0.032	CT-1550, CT-1551, CT-2500/L, CT-2300/ST	100	1000
DNF14-250M-C	16 – 14 AWG	Blue	0.162	0.90				
DNF10-250M-L*	12 – 10 AWG	Yellow	0.230	1.03			50	500

*Not UL Listed or CSA Certified.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information see www.panduit.com/tools.

Male Disconnect, Vinyl Barrel Insulated – Funnel Entry

Type DV-MB

- Male tab couples with (all 0.250 x 0.032) female disconnects
- Insulation support helps to prevent wire damage in bending applications
- Male tab can be inserted and removed from the female disconnect without the use of tools for lower installed cost
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



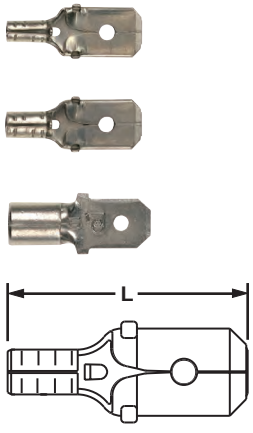
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DV18-250MB-CY	22 – 18 AWG	Red	0.154	0.98	0.250 x 0.032	CT-1550, CT-1551, CT-2500/L, CT-2300/ST	100	500
DV14-250MB-C	16 – 14 AWG	Blue	0.180	0.96				
DV10-250M-L*	12 – 10 AWG	Yellow	0.235	0.98			50	500

*Not UL Listed or CSA Certified.
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
For crimping tool information see www.panduit.com/tools.

Male Disconnect, Non-Insulated – Butted Seam

Type D-MB

- Male tab couples with (all 0.250 x 0.032) female disconnects
- Male tab can be inserted and removed from the female disconnect without the use of tools for lower installed cost
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Maximum recommended operating temperature 302°F (150°C)
- Rated up to 2000 V



Part Number	Wire Range	Figure Dimensions (In.) L	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
D18-250MB-C	22 – 18 AWG	0.69	0.250 x 0.032	CT-100A	100	500
D14-250MB-C	16 – 14 AWG	0.69				
D10-250M-L*	12 – 10 AWG	0.72	0.250 x 0.032	CT-100A, CT-200, CT-260, CT-1570, CT-2500/L, CT-2300/ST	50	500

*Brazed seam.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information see www.panduit.com/tools.

Order number of pieces required, in multiples of Standard Package Quantity.

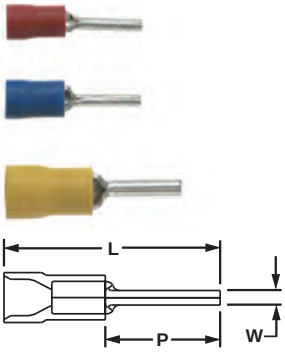
Selection Guide – Specialty Terminals

Material	Style	Feature	Type	Page Number
Specialty				
Vinyl	Pin Terminal	Insulation Support	PV-P	D1.45
Non-Insulated	Pin Terminal	Brazed Seam	P-P	D1.45

Pin Terminal, Vinyl Insulated – Funnel Entry

Type PV-P

- Solid pin designed to prevent damage to the wire from over tightening, resulting in a reliable electrical connection
- Insulation support helps to prevent wire damage in bending applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- For use with pin-type terminal blocks
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL rated up to 600 V per UL 486A/B



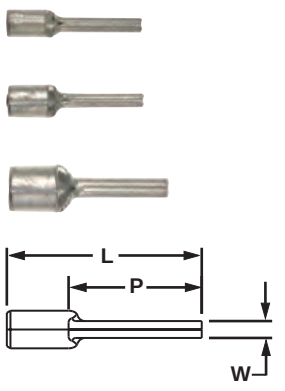
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W	P			
PV18-P47-CY	22 – 18 AWG	Red	0.150	0.97	0.07	0.49	CT-100A, CT-260, CT-1550, CT-1551, CT-2500/L, CT-2300/ST	100	1000
PV14-P47-C	16 – 14 AWG	Blue	0.170	0.97	0.07	0.49			
PV10-P55-LY*	12 – 10 AWG	Yellow	0.250	1.10	0.10	0.55		50	500

*Not UL Listed.
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
For crimping tool information see www.panduit.com/tools.

Pin Terminal, Non-Insulated

Type P-P

- Solid pin designed to prevent damage to the wire from over tightening, resulting in a reliable electrical connection
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- For use with pin-type terminal blocks
- Maximum recommended operating temperature 302°F (150°C)
- UL rated up to 2000 V per UL 486A/B



Part Number	Wire Range	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
		L	W	P			
P18-P47-C	22 – 18 AWG	0.75	0.07	0.49	CT-100A, CT-200, CT-260, CT-1570, CT-2500/L, CT-2300/ST	100	1000
P14-P47-C	16 – 14 AWG	0.75	0.07	0.49			
P10-P55-L*	12 – 10 AWG	0.79	0.10	0.55	CT-100A, CT-200, CT-260, CT-1570, CT-2500/L, CT-2300/ST	50	500

*Not UL Listed.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Notes

Splices

Panduit® Pan-Term® Splices are designed and manufactured for fast assembly, and long reliable performance. As the demand for splices increases, it becomes essential to provide a complete system for termination products. We provide an extensive line of tooling designed specifically to provide optimum performance when used as a system for terminating.

- **Suitable for in-line, parallel, and group splicing of wires**
- **Nylon and vinyl insulated as well as non-insulated**
- **Available in sizes from #26 – 10 AWG**
- **Internal wire stops on butt splices prevent over insertion of wires**
- **Applicable sizes are UL Listed and CSA Certified, as noted**
- **Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost**

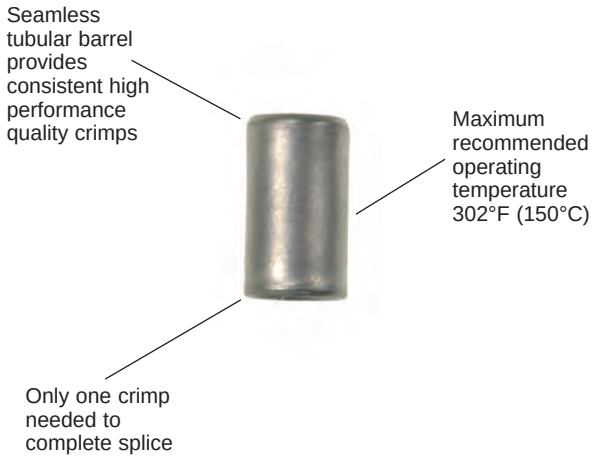
Panduit continually provides new designs to meet the application challenges encountered by our customers. Panduit offers a wide assortment of Pan-Term® Termination products to meet customer needs at the lowest installed cost.

Features and Benefits – Pan-Term® Splices and Wire Joints

Non-Insulated Wire Joints Type J

UL and CSA rated up to 2000 V per UL 486C.

Non-Insulated Parallel Splices Type PS

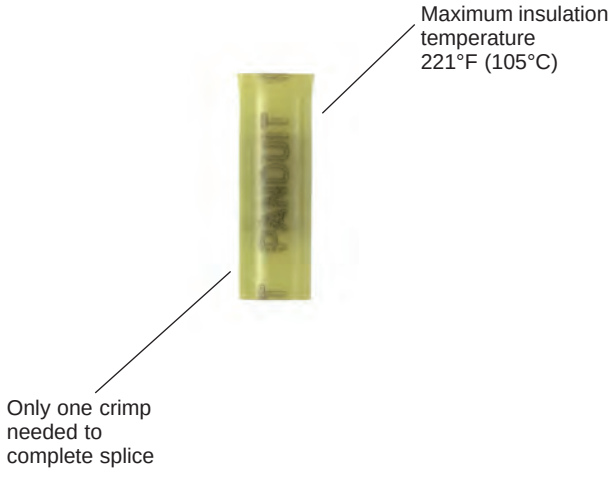


UL and CSA rated up to 2000 V per UL 486C.

Nylon Wire Joints Type JN

UL and CSA rated up to 600 V per UL 486C.
Metric versions available.
Flammability – UL 94 HB.

Nylon Parallel Splices Type PSN



Rated up to 300 V.
Flammability – UL 94 HB.

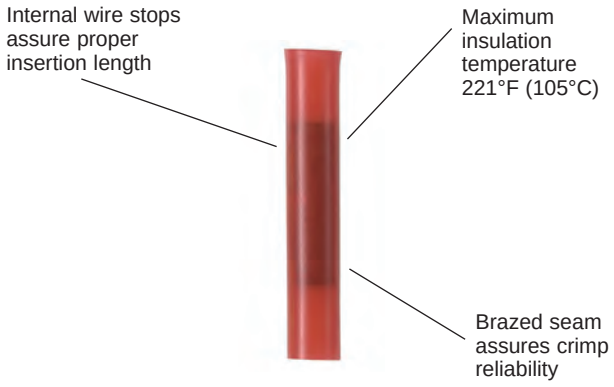
Panduit® designs and manufactures a full line of labeling products, software, and printers to assist you with your labeling requirements.

See pages E1.1 – E2.29.

Order number of pieces required, in multiples of Standard Package Quantity.

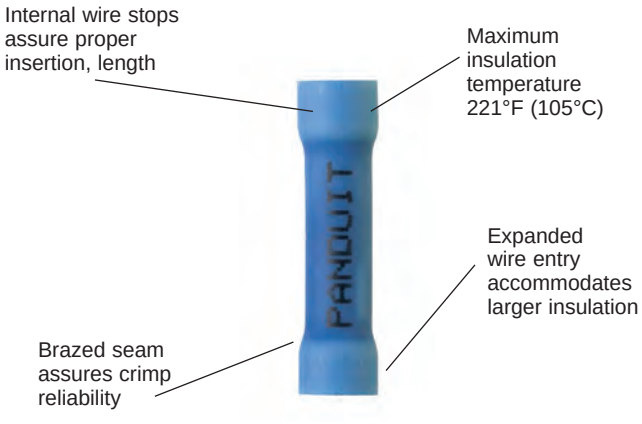
Features and Benefits – Pan-Term® Splices

Nylon Butt Splices Type BSN



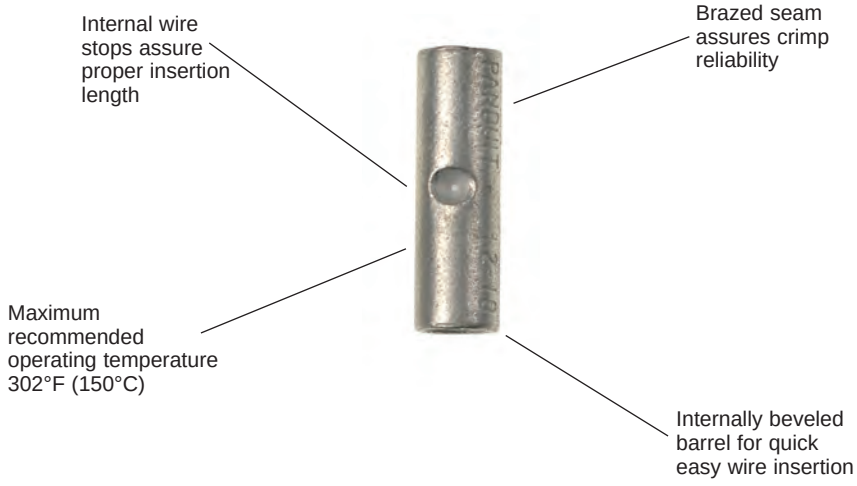
UL and CSA rated up to 600 V per UL 486C.
Flammability – UL 94 HB.

Vinyl Butt Splices Type BSV



UL and CSA rated up to 600 V per UL 486C.
Flammability – UL 94V-0.
Metric versions available.

Non-Insulated Butt Splices Type BS



UL and CSA rated up to 2000 V per UL 486C.
Metric versions available.

Panduit wiring duct offers a wide variety of sizes and types to meet the wire capacity needs and space constraints of the smallest wall mounted to the largest integrated systems.

See pages C1.1 – C1.53.

A comprehensive selection of cable ties used to bundle, mount, and identify wire and cable.

See pages B1.1 – B1.106.

Selection Guide – Pan-Term® Splices and Wire Joints

Splices and Wire Joints

Material	Style	Feature	Type	Page Number
Nylon	Butt Splice	Brazed Seam	BSN	D1.51
	Parallel Splice	Seamless Barrel	PSN	D1.52
	Wire Joint	Multiple Wire Connector	JN	D1.53
Vinyl	Butt Splice	Expanded Insulation	BSV	D1.51
Heat Shrink	Butt Splice	Heat Shrink Insulation	BSH	D1.54
Non-Insulated	Butt Splice	Brazed Seam	BS	D1.52
	Parallel Splice	Seamless Barrel	PS	D1.53
	Wire Joint		J	D1.54

Part Number System for Pan-Term® Splices

BS — **V** — **14** — **X** — — **M**

Type
BS = Butt Splice
PS = Parallel Splice

Insulation
H = Heat Shrink
N = Nylon
V = Vinyl
= Non-Insulated (leave blank)

Wire Range
22 = #26 – 22
18 = #22 – 18
14 = #16 – 14
13 = #14 – 12
10 = #12 – 10

Special Configuration
X = Expanded Insulation

Std. Pkg. Size
Q = 25
L = 50
C = 100
T = 200
D = 500
M = 1000

Part Number System for Pan-Term® Wire Joints

JN — **418-212** — — **C**

Type
J = Non-Insulated
JN = Nylon-Insulated

Wire Range
J Types
214 – 312 = (2) #14 – (3) #12
318 – 412 = (3) #14 – (4) #12
216 – 410 = (2) #16 – (4) #10
JN Types
224 – 318 = (2) #24 – (3) #18
218 – 216 = (2) #18 – (2) #16
418 – 212 = (4) #18 – (2) #12
314 – 412 = (3) #14 – (4) #12

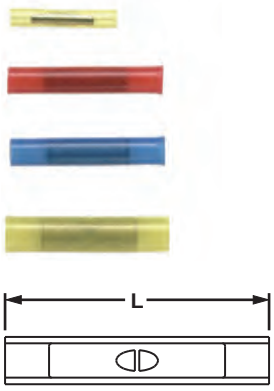
Std. Pkg. Size
Q = 25
L = 50
C = 100
T = 200
D = 500
M = 1000

Order number of pieces required, in multiples of Standard Package Quantity.

Butt Splice, Nylon Insulated

Type BSN

- Designed to splice two solid or stranded wires together to repair or lengthen wires
- Butted configuration provides low profile for limited space applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal wire stop assures proper length of insertion into terminal barrel
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486C



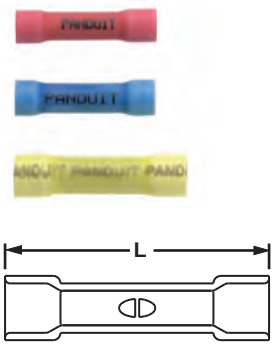
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
BSN22-C*	26 – 22 AWG	Yellow	0.080	0.79	CT-1525, CT-2500/L, CT-2300/ST	100	1000
BSN18-C	22 – 18 AWG	Red	0.115	1.15	CT-100A, UP14ZLW, CT-1550, CT-1551, CT-2500/L, CT-2300/ST		
BSN14-C	16 – 14 AWG	Blue	0.148	1.15	CT-100A, UP14ZLW, CT-1550, CT-1551, CT-2500/L, CT-2300/ST		
BSN10-L	12 – 10 AWG	Yellow	0.210	1.14	CT-100A, UP14ZLW, CT-1550, CT-1551, CT-2500/L, CT-2300/ST	50	500

*Not UL or CSA Listed.
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
For crimping tool information see www.panduit.com/tools.

Butt Splice, Vinyl Insulated

Type BSV

- Expanded wire entry designed to accommodate wire with a larger insulation thickness
- Designed to splice two solid or stranded wires together to repair or lengthen wires
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal wire stop assures proper length of insertion into terminal barrel
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486C



Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
BSV18X-LY	22 – 18 AWG	Red	0.170	1.03	CT-100A, UP14ZLW, CT-1550, CT-1551, CT-2500/L, CT-2300/ST	50	500
BSV14X-L	16 – 14 AWG	Blue	0.200	1.04			
BSV10X-Q	12 – 10 AWG	Yellow	0.250	1.18		25	250

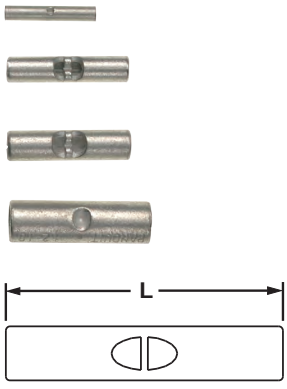
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information see www.panduit.com/tools.

Butt Splice, Non-Insulated

LISTED CERTIFIED

Type BS

- Designed to splice two solid or stranded wires together to repair or lengthen wires
- Butted configuration provides low profile for limited space applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal wire stop assures proper length of insertion into terminal barrel
- Non-insulated barrel can be used to provide an economical termination when insulation is not required
- Maximum recommended operating temperature 302°F (150°C)
- UL and CSA rated up to 2000 V per UL 486C



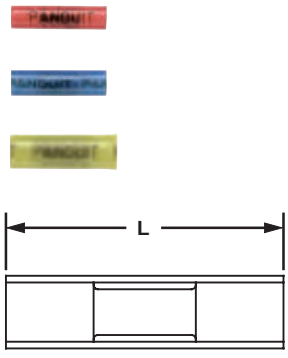
Part Number	Wire Range	Figure Dimensions (In.) L	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
BS22-C*	26 – 22 AWG	0.47	CT-100A	100	1000
BS18-C	22 – 18 AWG	0.62	CT-100A, CT-200, UP14ZLW, CT-1570, CT-2500/L, CT-2300/ST	100	1000
BS14-C	16 – 14 AWG		CT-100A, CT-200, UP14ZLW, CT-1570, CT-2500/L, CT-2300/ST		
BS10-L	12 – 10 AWG	0.63	CT-100A, CT-200, UP14ZLW, CT-1570, CT-2500/L, CT-2300/ST, CT-1701‡	50	500

*Not UL or CSA Listed.
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Parallel Splice, Nylon Insulated

Type PSN

- Designed to splice two solid or stranded wires together to repair or lengthen wires
- Parallel design results in only one crimp required to complete splice
- Seamless tubular barrel provides a consistent high performance quality crimp
- Maximum insulation temperature 221°F (105°C)
- Rated up to 300 V



Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PSN18-C	22 – 18 AWG	Red	0.120	0.75	5/16	CT-100A, CT-1525, CT-2500/L, CT-2300/ST	100	500
PSN16-C	20 – 16 AWG	Blue	0.150	0.75	5/16			
PSN12-L	14 – 12 AWG	Yellow	0.210	0.83	7/16	CT-100A	50	

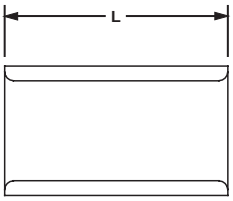
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information see www.panduit.com/tools.

Order number of pieces required, in multiples of Standard Package Quantity.

Parallel Splice, Non-Insulated

Type PS

- Designed to splice two solid or stranded wires together to repair or lengthen wires
- Parallel design results in only one crimp required to complete splice
- Seamless tubular barrel provides a consistent high performance quality crimp
- Non-insulated barrel can be used to provide an economical termination when insulation is not required
- Maximum recommended operating temperature 302°F (150°C)
- UL and CSA rated up to 2000 V per UL 486C



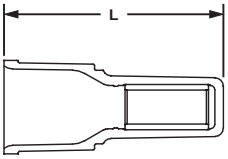
Part Number	Wire Range	Figure Dimensions (In.) L	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PS18-C	22 – 18 AWG	0.29	5/16	CT-100A, CT-200	100	500
PS16-C	20 – 16 AWG	0.29	5/16			
PS12-L	14 – 12 AWG	0.38	7/16		50	500

**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
For crimping tool information see www.panduit.com/tools.

Wire Joint, Nylon Insulated

Type JN

- Large barrel, designed to accommodate from one to seven wires with just one crimp
- Accommodates multiple wire sizes in varying combinations
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486C



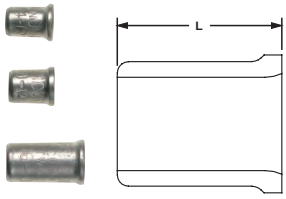
Part Number	Wire Range	Color Code	CMA Range Min.	CMA Range Max.	Figure Dimensions (In.) L	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
JN224-318-C	(2) #24 – (2) #16	Red	808	5160	0.79	7/16	CT-1550‡, CT-1551‡, CT-2500/L, CT-2300/ST	100	1000
JN218-216-C	(2) #22 – (2) #16	Clear	1284	5160	0.78	7/16	CT-1550‡, CT-1551‡, CT-2500/L, CT-2300/ST		
JN418-212-C	(4) #18 – (2) #12	Clear	6480	14750	0.93	1/2	CT-100A‡, CT-1550‡, CT-1551‡, CT-2500/L, CT-2300/ST		
JN314-412-C*	(3) #14 – (4) #12	Clear	10320	26120	0.97	5/8	CT-100A, CT-160, CT-260		

*Not UL or CSA Listed.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.
Note: Wire combinations using #24 AWG wire are not UL Listed or CSA Certified.

Wire Joint, Non-Insulated

Type J

- Large barrel, designed to accommodate from one to seven wires with just one crimp
- Accommodates multiple wire sizes in varying combinations
- Non-insulated barrel can be used to provide an economical termination when insulation is not required
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Maximum recommended operating temperature 302°F (150°C)
- UL and CSA rated up to 2000 V per UL 486C



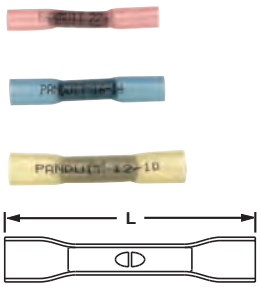
Part Number	Wire Range	CMA Range		Figure Dimensions (In.)	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
		Min.	Max.	L				
J214-312-T	(2) #14 – (3) #12	5760	19590	0.37	1/2	CT-100A‡, CT-200‡	200	2000
J318-412-T	(3) #18 – (4) #12	4860	27330	0.37	1/2	CT-100A‡, CT-200‡		
J216-410-L*	(2) #16 – (4) #10	5160	41600	0.62	3/4	CT-100A‡, CT-200‡	50	500

*Part number J216-410, is not UL Listed or CSA Certified.
**Bulk packaging may be available, contact Panduit® Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information see www.panduit.com/tools.

Heat Shrink, Butt Splices

Type BSH

- Designed to splice two stranded wires together to repair or lengthen wires
- Butted configuration provides low profile for limited space applications
- Heat shrink polyolefin sleeve with hot melt adhesive protects against moisture
- After crimping, heat shrink insulation is completed with a standard heat gun
- Minimum continuous operating temperature -65°F (-55°C)
- Maximum continuous operation temperature 230°F (110°C)
- Shrink temperature 300°F (150°C)
- UL and CSA rated up to 600 V per UL 486C



Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L				
BSH18-Q	22 – 18 AWG	Red	0.170	1.45	5/16	CT-310	25	125
BSH14-Q	16 – 14 AWG	Blue	0.190	1.45	5/16			
BSH10-E	12 – 10 AWG	Yellow	0.240	1.64	5/16		20	100

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information see www.panduit.com/tools.

Order number of pieces required, in multiples of Standard Package Quantity.

Ferrules

Panduit® Pan-Term® Ferrule End Sleeves terminate stranded wire into terminal blocks with superior termination performance. A wide assortment of ferrule styles and tool designs provide a proven way to make reliable connections, especially for limited space applications. Insulation flare allows for ease of wire insertion and eliminates loose strands of wire. Encapsulated crimp contains loose wires to eliminate stray wire breakage.

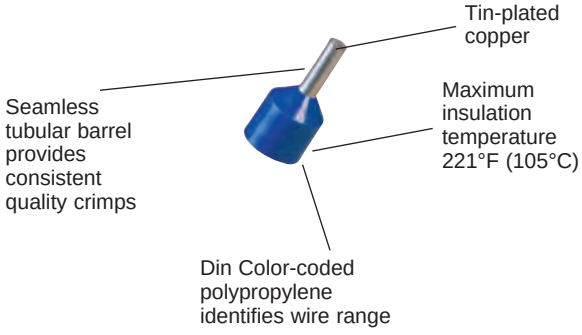
- **Ferrules are UL 486F (1/0-20 AWG) listed and CSA certified**
- **Ideal for control panel and terminal block applications**
- **Insulated single wire range of #26 – 300 kcmil sizes meets DIN color code standards**
- **Insulated twin wire end sleeve range of #22 – 6 AWG, sizes meets DIN color code standard**
- **Non-insulated wire range of #24 – 400 kcmil**
- **Insulated ferrules single wire range #20 – 14 AWG, available in strips of 50 for use with the semiautomatic ferrule crimping tool, CT-1000, for improved reliability and productivity**
- **Wide assortment of controlled cycle, crimping tools for reliable connections at the lowest installed cost**

Panduit continually provides new designs to meet the application challenges encountered by our customers. Panduit offers a wide assortment of Pan-Term® Termination products to meet customer needs at the lowest installed cost.

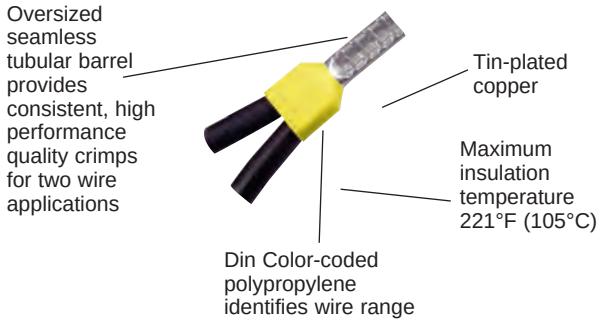
Features and Benefits – Pan-Term® Ferrules

Panduit® ferrules are available for wiring applications from #26 – 400 kcmil. Offerings include insulated and non-insulated ferrules, in single-wire or double-wire configurations. Insulated ferrules are color-coded to DIN standards. Crimped on the metal barrel these ferrules provide improved performance for terminal block and panel building applications. All Panduit ferrules are CSA Certified. Panduit 1/0 to 20 AWG ferrules are UL listed per UL486F Standard.

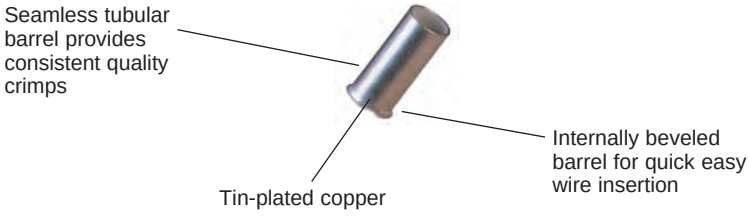
Insulated Ferrules — Single Wire Type FSD



Insulated Ferrules — Twin Wire Type FTD



Non-Insulated Ferrules Type F



Panduit designs and manufactures a full line of labeling products, software, and printers to assist you with your labeling requirements.

See pages E1.1 – E2.29.

Order number of pieces required, in multiples of Standard Package Quantity.

Selection Guide – Pan-Term® Ferrules

Material	Style	Feature	Type	Page Number
Ferrules	Polypropylene	Ferrules, Single Wire	DIN Color Code	FSD	D1.57
		Ferrules, Single Wire	On Strips	FSD	D1.61
		Ferrules, Twin Wire	DIN Color Code	FTD	D1.61
	Non-Insulated	Ferrules	Seamless Tube	F	D1.62, D1.63

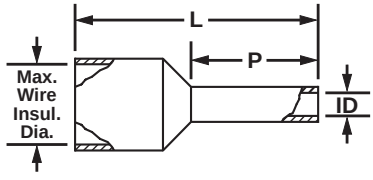
Part Number System for Pan-Term® Ferrules

F	S	D	72	—	8
Type	Wire Type	Color Code	Wire Size		PIN Length
F = Ferrule	S = Single T = Twin Blank = Non-Insulated	D = DIN			

Insulated Ferrules – Single Wire DIN End Sleeve

Type FSD

- Polypropylene insulation housing conforms to DIN color requirements
- Meets DIN standards for single wire containment
- Funnel entry for faster insertion and lower installed cost
- Designed with a seamless barrel to contain loose wire strands for superior terminations
- Eases insertion of wire into terminal block
- Suitable for limited space panel applications
- Multiple pin lengths available for a variety of terminal blocks



Part Number	Wire Size AWG	Wire Size mm²	Color Code	Max. Wire Insul. Dia. In.	Max. Wire Insul. Dia. mm	Figure Dimensions L In.	L mm	P In.	P mm	ID In.	ID mm	Wire Strip Length In.	Wire Strip Length mm	Recommended Installation Tool	Std. Pkg. Qty.
FSD72-6-D***	26 AWG	0.14	Gray	0.07	2.0	0.41	10.5	24.0	6.0	0.03	0.8	3/8	9.5	CT-1002, CT-1123, CT-2523CH	500
FSD72-8-D***				0.07	2.0	0.49	12.5	31.0	8.0	0.03	0.8	15/32	11.9		
FSD73-6-D***	24 AWG	0.25	Yellow	0.07	2.0	0.41	10.5	24.0	6.0	0.03	0.8	3/8	9.5		
FSD73-8-D***				0.07	2.0	0.49	12.5	31.0	8.0	0.03	0.8	15/32	11.9		
FSD74-6-D***	24-22 AWG	0.34	Turquoise	0.07	2.0	0.41	10.5	24.0	6.0	0.03	0.8	3/8	9.5		
FSD74-8-D***				0.07	2.0	0.49	12.5	31.0	8.0	0.03	0.8	15/32	11.9		

***Not UL or CSA Listed.

Continued on next page

Insulated Ferrules – Single Wire DIN End Sleeve (continued)

Part Number	Wire Size AWG	Wire Size mm²	Color Code	Max. Wire Insul. Dia. In.	Max. Wire Insul. Dia. mm	Figure Dimensions L In.	L mm	P In.	P mm	ID In.	ID mm	Wire Strip Length In.	Wire Strip Length mm	Recommended Installation Tool	Std. Pkg. Qty.
FSD75-6-D*	22-20 AWG	0.5	White	0.09	2.5	0.45	11.5	24.0	6.0	0.04	1.1	17/32	13.5	CT-1090, CT-1002, CT-1003, CT-1123, CT-1160, CT-1170, CD-090***, CT-2523CH	500
FSD75-8-D*		0.5		0.09	2.5	0.53	13.5	31.0	8.0	0.04	1.1	15/32	11.9		
FSD75-10-D*		0.5		0.09	2.5	0.61	15.5	0.39	10.0	0.04	1.1	17/32	13.5		
FSD76-6-D	18 AWG	0.75	Gray	0.11	2.8	0.47	12.0	0.24	6.0	0.05	1.3	3/8	9.5		
FSD76-8-D		0.75		0.11	2.8	0.55	14.0	0.31	8.0	0.05	1.3	15/32	11.9		
FSD76-10-D		0.75		0.11	2.8	0.63	16.0	0.39	10.0	0.05	1.3	17/32	13.5		
FSD76-12-D		0.75		0.11	2.8	0.71	18.0	0.47	12.0	0.05	1.3	5/8	15.9		
FSD77-6-D	–	1.0	Red	0.12	3.0	0.49	12.5	0.24	6.0	0.06	1.5	3/8	9.5		
FSD77-8-D		1.0		0.12	3.0	0.57	14.5	0.31	8.0	0.06	1.5	15/32	11.9		
FSD77-10-D		1.0		0.12	3.0	0.65	16.5	0.39	10.0	0.06	1.5	17/32	13.5		
FSD77-12-D		1.0		0.12	3.0	0.73	18.5	0.47	12.0	0.06	1.5	5/8	15.9		
FSD78-6-D	16 AWG	1.5	Black	0.12	3.0	0.49	12.5	0.24	6.0	0.07	1.8	3/8	9.5		
FSD78-8-D		1.5		0.12	3.0	0.57	14.5	0.31	8.0	0.07	1.8	15/32	11.9		
FSD78-6-D		1.5		0.12	3.0	0.49	12.5	0.24	6.0	0.07	1.8	3/8	9.5		
FSD78-10-D		1.5		0.12	3.0	0.65	16.5	0.39	10.0	0.07	1.8	17/32	13.5		
FSD78-12-D		1.5		0.12	3.0	0.73	18.5	0.47	12.0	0.07	1.8	5/8	15.9		
FSD78-18-D		1.5		0.12	3.0	0.96	24.5	0.71	18.0	0.07	1.8	7/8	22.2		
FSD79-8-D	14 AWG	2.08	Yellow	0.14	3.6	0.57	14.5	0.31	8.0	0.08	2.1	15/32	11.9	CT-1090, CT-1002, CT-1003, CT-1123, CT-1160, CT-1170, CD-090***, CT-2523CH	500
FSD80-8-D		2.5	Blue	0.17	4.2	0.59	15.0	0.31	8.0	0.09	2.3	15/32	11.9		
FSD80-12-D				0.17	4.2	0.75	19.0	0.47	12.0	0.09	2.3	5/8	15.9		
FSD80-18-D				0.17	4.2	0.98	25.0	0.71	18.0	0.09	2.3	7/8	22.2		
FSD81-10-D	12 AWG	4.0	Gray	0.19	4.8	0.69	17.5	0.39	10.0	0.11	2.9	17/32	13.5		
FSD81-12-C				0.19	4.8	0.79	20.0	0.47	12.0	0.11	2.9	5/8	15.9		100
FSD81-18-C				0.19	4.8	1.02	26.0	0.71	18.0	0.11	2.9	7/8	22.2		100
FSD82-12-C	10 AWG	6.0	Yellow	0.24	6.2	0.79	20.0	0.47	12.0	0.14	3.6	5/8	15.9	CT-1090, CT-1002, CT-1123, ‡CT-1003, CT-1160, CT-1170, CD-090***, CT-2523CH	100
FSD82-18-C	10 AWG	6.0	Yellow	0.24	6.2	1.02	26.0	0.71	18.0	0.14	3.6	7/8	22.2		
FSD83-12-C	8 AWG	10.0	Red	0.30	7.5	0.83	21.0	0.47	12.0	0.18	4.6	5/8	15.9	‡CT-1003, ‡CT-1004, CT-1123, CT-1104, CT-1160, CT-1170, CD-090***, CT-1090, CT-2504CH, CT-2523CH	
FSD83-18-C	8 AWG	10.0	Red	0.30	7.5	1.06	27.0	0.71	18.0	0.18	4.6	7/8	22.2		
FSD84-12-C	6 AWG	16.0	Blue	0.35	8.8	0.91	23.0	0.47	12.0	0.24	6.0	5/8	15.9	‡CT-1004, CT-1104, CT-2504CH	
FSD84-18-C	6 AWG	16.0	Blue	0.35	8.8	1.14	29.0	0.71	18.0	0.24	6.0	7/8	22.2		
FSD85-16-L	4 AWG	25.0	Yellow	0.43	11.0	1.14	29.0	0.63	16.0	0.30	7.5	3/4	15.9	CT-1005	50
FSD85-18-L						1.22	31.0	0.71	18.0	0.30	7.5	7/8	22.2		
FSD85-22-L						1.38	35.0	0.87	22.0	0.30	7.5	1	25.4		
FSD86-16-L	2 AWG	35.0	Red	0.49	12.5	1.18	30.0	0.63	16.0	0.33	8.5	3/4	19.1		
FSD86-18-L						1.26	32.0	0.71	18.0	0.33	8.5	7/8	22.2		
FSD86-25-L						1.54	39.0	0.98	25.0	0.33	8.5	1 1/8	28.6		

‡ Tool/part not a UL listed combination For crimping tool information see www.panduit.com/tools.
*Not UL listed with 22 AWG wire
**Dies used with CT-3001 or CT-3001/E Tool
***Dies used CT-2300 series Tool

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Insulated Ferrules – Single Wire DIN End Sleeve (continued)

Part Number	Wire Size AWG	Wire Size mm²	Color Code	Max. Wire Insul. Dia. In.	Max. Wire Insul. Dia. mm	Figure Dimensions L In.	L mm	P In.	P mm	ID In.	ID mm	Wire Strip Length In.	Wire Strip Length mm	Recommended Installation Tool	Std. Pkg. Qty.
FSD87-20-L	1 AWG-1/0	50.0	Blue	0.59	15.0	1.42	36.0	0.79	20.0	0.41	10.5	15/16	23.8	CT-1006 CD-920-F87** CD-2001-F87***	50
FSD87-25-Q				0.59	15.0	1.61	41.0	0.98	25.0	0.41	10.5	1 1/8	28.6		25
FSD89-20-Q*	2/0	70.0	Yellow	0.63	16.0	1.46	37.0	0.79	20.0	0.50	12.7	15/16	23.8	CD-920-F89** CD-2001-F89***	25
FSD89-27-Q*				0.63	16.0	1.73	44.0	1.06	27.0	0.50	12.7	1 1/4	31.0		
FSD90-25-Q*	3/0	95.0	Red	0.71	18.0	1.73	44.0	0.98	25.0	0.58	14.7	1 1/8	28.6	CD-920-F90** CD-2001-F90***	
FSD91-27-Q*	4/0-250 kcmil	120.0	Blue	0.83	21.1	1.89	48.0	1.06	27.0	0.66	16.7	1 1/4	31.0	CD-920-F91** CD-2001-F91***	
FSD92-32-Q*	300 kcmil	150.0	Yellow	0.91	23.1	2.28	58.0	1.26	32.0	0.78	19.7	1 1/2	37.0	CD-920-F92** CD-2001-F92***	

*Not UL listed
Visit www.panduit.com/tools for additional tool information
**Dies compatible for use with CT-3001/ST, CT-3001/CCP, CT-930LPCH tools
***Dies compatible for use with CT-2001 and CT-3001 tools
CD-920-F series dies require adapter UA22 for CT3001/CCP tool

Insulated Ferrules – Single Wire Expanded Sleeve

Type FSDX

- Expanded polypropylene sleeve: Provides a wider inside diameter to allow ferrules to fit easily over thick insulated wire, ideal for use in the U.S. and for use with flexible wire
- Funnel wire entry: Forms a guide for easy insertion of wire strands into the crimp barrel to enhance the installation process and improve productivity
- Colored sleeves: Allows visual color designation of wire size to aid in identification and quality inspection
- Meets UL 486F, CSA-C22.2 No. 291-14 and DIN 46228 Standards: Ensures ferrules meet both dimensional and performance requirements for improved safety and product compatibility

Part Number	Wire Size AWG	Wire Size mm²	Color Code	Max. Wire Insul. Dia. In.	Max. Wire Insul. Dia. mm	Figure Dimensions L In.	L mm	P In.	P mm	ID In.	ID mm	Wire Strip Length In.	Wire Strip Length mm	Recommended Installation Tool	Std. Pkg. Qty.
FSDX75-8-D	22-20	0.5	White	0.12	3.0	0.53	13.5	0.31	8.0	0.04	1.1	15/32	11.91	CD-090*, CT-1002, CT-1003, CT-1090, CT-1123, CT-1160, CT-1170, CT-2523CH**	500
FSDX76-8-D	18	0.75	Gray	0.14	3.4	0.55	14.0	0.31	8.0	0.05	1.3	15/32	11.91		
FSDX77-8-D	18	1.0	Red	0.14	3.4	0.57	14.5	0.31	8.0	0.06	1.5	15/32	11.91		
FSDX78-8-D	16	1.5	Black	0.15	3.8	0.57	14.5	0.31	8.0	0.07	1.8	15/32	11.91		
FSDX84-12-C	6	16.0	Blue	0.37	9.5	.91	23.0	0.47	12.0	0.24	6.0	5/8	15.9	CT-1004, CT-1104, CT-2504CH**	100

For crimping tool information see www.panduit.com/tools.
*For use with CT-2300/ST or CT-2500/L tool
**Crimp head for use with CT-2500/L tool

Insulated Ferrules – Single Wire for Short Circuit Protection

Type FSDXL

- Wider polypropylene sleeve: Delivers a much wider inside diameter to provide a significant air gap between the wire and the outside of the sleeve: to prevent a electrical arc to adjacent material
- Flanged wire entry: Polypropylene sleeve forms a guide for easy insertion of wire strands into crimp barrel to enhance the installation process and improve productivity
- Colored sleeves: Allows visual color designation of wire size to aid in identification and quality inspection
- Seamless barrel design: A tin-plated copper barrel provides a crimp barrel without any weak points for a consistent and reliable installation
- Meets UL 486F, CSA-C22.2 No. 291-14 and DIN 46228 Standards: Ensures ferrules meet dimensional expectations and performance requirements for improved safety and product compatibility

Part Number	Wire Size AWG	Wire Size mm²	Color Code	Max. Wire Insul. Dia. In.	Max. Wire Insul. Dia. mm	Figure Dimensions L In.	L mm	P In.	P mm	ID In.	ID mm	Wire Strip Length In.	Wire Strip Length mm	Recommended Installation Tool	Std. Pkg. Qty.
FSDXL78-8-C	16	1.5	Black	0.27	6.9	0.69	17.5	0.32	8.0	0.07	1.8	15/32	11.9	CD-090*, CT-1002, CT-1003, CT-1090, CT-1123, CT-1160, CT-1170, CT-2523CH**	100
FSDXL78-10-C		1.5		0.27	6.9	0.77	19.5	0.39	10.0	0.07	1.8	17/32	13.5		
FSDXL80-8-C	14	2.5	Blue	0.31	7.8	0.69	17.5	0.32	8.0	0.09	2.3	15/32	11.9		
FSDXL80-12-C		2.5		0.31	7.8	0.85	21.5	0.47	12.0	0.09	2.3	5/8	15.9		
FSDXL81-10-C	12	4.0	Gray	0.31	7.8	0.77	19.5	0.39	10.0	0.11	2.9	17/32	13.5		
FSDXL82-12-C	10	6.0	Yellow	0.33	8.3	0.91	23.0	0.47	12.0	0.14	3.6	5/8	15.9	CD-090*, CT-1002, +CT-1003, CT-1090, CT-1123, CT-1160, CT-1170, CT-2523CH**	
FSDXL83-12-C	8	10.0	Red	0.39	9.8	0.94	24.0	0.47	12.0	0.18	4.6	5/8	15.9	CD-090*, +CT-1003, +CT-1004, CT-1090, +CT-1104, CT-1123, CT-1160, CT-1170, CT-2504CH**, CT-2523CH**	
FSDXL84-12-C	6	16.0	Blue	0.47	12	1.00	25.5	0.47	12.0	0.24	6.0	5/8	15.9	CT-1004, CT-2504CH**	

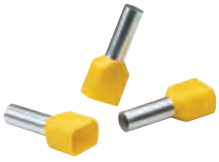
+Tool/part is not a UL listed combination. For crimping tool information see www.panduit.com/tools.
*For use with CT-2300/ST or CT-2500/L crimp head
**Crimp head for use with CT-2500/L tool

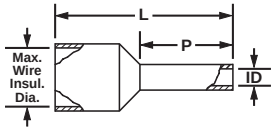
Order number of pieces required, in multiples of Standard Package Quantity.

Insulated Ferrules – Twin Wire DIN End Sleeve

Type FTD

- Meets DIN standards for twin wire containment
- Polypropylene insulation housing conforms to DIN color requirements
- Funnel entry for faster insertion and lower installed cost
- Designed with a seamless barrel to contain loose wire strands for superior terminations
- Eases insertion of wire into terminal block
- Suitable for limited space panel applications
- Multiple pin lengths available for a variety of terminal blocks





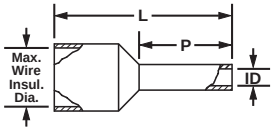
Part Number	Wire Size AWG	Wire Size mm²	Color Code	Max. Wire Insul. Dia. In.	Max. Wire Insul. Dia. mm	Figure Dimensions L In.	L mm	P In.	P mm	ID In.	ID mm	Wire Strip Length In.	Wire Strip Length mm	Recommended Installation Tool	Std. Pkg. Qty.
FTD75-8-D*	22-20 AWG	0.5	White	0.87	2.2	0.59	15.0	0.31	8.0	0.06	1.5	7/16	11.2	CD-090**, CT-1002, +CT-1003, CT-1090, CT-1160, CT-1170, CT-1123, CT-2523CH***	500
FTD76-8-D	18 AWG	0.75	Gray	0.09	2.4	0.59	15.0	0.31	8.0	0.07	1.8	7/16	11.2		
FTD76-10-D		0.75		0.09	2.4	0.67	17.0	0.39	10.0	0.07	1.8	9/16	14.0		
FTD77-8-D	–	1.0	Red	0.11	2.7	0.59	15.0	0.31	8.0	0.08	2.1	7/16	11.2		
FTD77-10-D		1.0		0.11	2.7	0.67	17.0	0.39	10.0	0.08	2.1	9/16	14.0		
FTD78-8-D	16 AWG	1.5	Black	0.12	3.0	0.63	16.0	0.31	8.0	0.09	2.3	7/16	11.2		
FTD78-12-D		1.5		0.12	3.0	0.79	20.0	0.47	12.0	0.09	2.3	21/32	16.8		
FTD80-10-TL	14 AWG	2.5	Blue	0.15	3.7	0.73	18.5	0.39	10.0	0.11	2.9	9/16	14.0		250
FTD80-13-TL		2.5		0.15	3.7	0.85	21.5	0.51	13.0	0.11	2.9	23/32	18.2		
FTD81-12-C	12 AWG	4.0	Gray	0.17	4.3	0.91	23.0	0.47	12.0	0.15	3.8	21/32	16.8	CD-090**, CT-1002, +CT-1003, CT-1090, CT-1160, CT-1170, CT-1123, CT-2523CH***	100
FTD82-14-C	10 AWG	6.0	Yellow	0.19	4.8	0.98	25.0	0.55	14.0	0.18	4.6	3/4	19.0	CD-090**, +CT-1003, CT-1004, CT-1090, CT-1104, CT-1160, CT-1170, CT-2504CH***	
FTD83-14-C	8 AWG	10.0	Red	0.28	7.1	1.02	26.0	0.55	14.0	0.26	6.6	3/4	19.0	CT-1005	
FTD84-16-C	6 AWG	16.0	Blue	0.35	8.9	1.22	31.0	0.63	16.0	0.33	8.4	13/16	21.0		

*UL listed with 20 AWG only, UL486F scope is 1/0-20AWG. White is DIN color for 20 AWG
+Tool/part is not a UL listed combination. For crimping tool information see www.panduit.com/tools.
**For use with CT-2300/ST or CT-2500CH crimp head
***Crimp head for use with CT-2500/L tool

Insulated Ferrules on Strips – Single Wire

Type FSD

- Polypropylene insulation housing available in DIN standard colors in strips of 50
- Continuously molded design provides consistent placement of ferrules in tool to ensure fast, reliable terminations
- Available in #20 – 14 AWG featuring a seamless barrel design to contain loose wire strands for superior terminations
- Designed for use with the Semiautomatic Ferrule Crimping Tool CT-1000 for medium volume applications



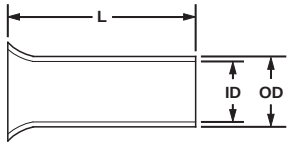
Part Number	Wire Size AWG	Wire Size mm²	Color Code	Max. Wire Insul. Dia. In.	Max. Wire Insul. Dia. mm	Figure Dimensions L In.	L mm	P In.	P mm	ID In.	ID mm	Wire Strip Length In.	Wire Strip Length mm	Recommended Installation Tool	Std. Pkg. Qty.
DIN End Sleeves															
FSD75-8-DSL10	20 AWG	0.50	White	0.10	2.6	0.60	15.2	0.31	8.0	0.04	1.0	13/32	10.0	CT-1000	500
FSD76-8-DSL8	18 AWG	0.75	Gray	0.11	2.7	0.60	15.2	0.31	8.0	0.06	1.5	13/32	10.0		
FSD77-8-DSL2	–	1.00	Red	0.12	3.0	0.60	15.2	0.31	8.0	0.07	1.8	13/32	10.0		
FSD78-8-DSL0	16 AWG	1.50	Black	0.13	3.2	0.60	15.2	0.31	8.0	0.09	2.3	13/32	10.0		
FSD80-8-DSL6	14 AWG	2.50	Blue	0.16	4.0	0.60	15.2	0.31	8.0	0.09	2.3	13/32	10.0		

For crimping tool information see www.panduit.com/tools.

Ferrules, Non-Insulated

Type F

- Designed with a seamless barrel to contain loose wire strands for superior terminations
- Eases insertion of wire into terminal block
- Meets DIN standards for wire containment
- Suitable for limited space panel applications
- Multiple pin lengths available for a variety of terminal blocks



Part Number	Wire Size		Figure Dimensions L In.	L mm	ID In.	ID mm	OD In.	OD mm	Wire Strip Length In.	Wire Strip Length mm	Recommended Installation Tool	Std. Pkg. Qty.
	AWG	mm²										
F73-5-M*	24 AWG	0.25	0.20	5.0	0.03	0.80	0.04	1.1	7/32	5.0	CT-1002, CT-1123, CT-2523CH***	1000
F73-7-M*		0.25	0.28	7.0	0.03	0.80	0.04	1.1	9/32	7.0		
F74-5-M*	24 – 22 AWG	0.34	0.20	5.0	0.04	0.90	0.05	1.2	7/32	5.0		
F74-7-M*		0.34	0.28	7.0	0.04	0.90	0.05	1.2	9/32	7.0		
F75-6-M+	22 – 20 AWG	0.50	0.24	6.0	0.04	1.0	0.05	1.3	1/4	6.0	CD-090**, CT-1002, CT-1003, CT-1090, CT-1123, CT-1160, CT-1170, CT-2523CH***	
F75-8-M+		0.50	0.31	8.0	0.04	1.0	0.05	1.3	5/16	8.0		
F75-10-M+		0.50	0.39	10.0	0.04	1.0	0.05	1.3	13/32	10.0		
F76-6-M	18 AWG	0.75	0.24	6.0	0.05	1.2	0.06	1.5	1/4	6.0		
F76-8-M		0.75	0.31	8.0	0.05	1.2	0.06	1.5	5/16	8.0		
F76-10-M		0.75	0.39	10.0	0.05	1.2	0.06	1.5	13/32	10.0		
F76-12-M		0.75	0.47	12.0	0.05	1.2	0.06	1.5	15/32	12.0		
F77-6-M	–	1.0	0.24	6.0	0.06	1.4	0.07	1.7	1/4	6.0		
F77-7-M		1.0	0.28	7.0	0.06	1.4	0.07	1.7	9/32	7.0		
F77-8-M		1.0	0.31	8.0	0.06	1.4	0.07	1.7	5/16	8.0		
F77-10-M		1.0	0.39	10.0	0.06	1.4	0.07	1.7	13/32	10.0		
F77-12-M		1.0	0.47	12.0	0.06	1.4	0.07	1.7	15/32	12.0		
F78-7-M	16 AWG	1.5	0.28	7.0	0.07	1.7	0.08	2.0	9/32	7.0		
F78-8-M		1.5	0.31	8.0	0.07	1.7	0.08	2.0	5/16	8.0		
F78-10-M		1.5	0.39	10.0	0.07	1.7	0.08	2.0	13/32	10.0		
F78-12-M		1.5	0.47	12.0	0.07	1.7	0.08	2.0	15/32	12.0		
F78-15-M		1.5	0.59	15.0	0.07	1.7	0.08	2.0	19/32	15.0		
F78-18-M		1.5	0.71	18.0	0.07	1.7	0.08	2.0	23/32	18.0		
F78-20-M		1.5	0.79	20.0	0.07	1.7	0.08	2.0	25/32	20.0		
F80-7-M	14 AWG	2.5	0.28	7.0	0.09	2.2	0.10	2.5	9/32	7.0		
F80-8-M		2.5	0.31	8.0	0.09	2.2	0.10	2.5	5/16	8.0		
F80-10-M		2.5	0.39	10.0	0.09	2.2	0.10	2.5	13/32	10.0		
F80-12-M		2.5	0.47	12.0	0.09	2.2	0.10	2.5	15/32	12.0		
F80-15-M		2.5	0.59	15.0	0.09	2.2	0.10	2.5	19/32	15.0		
F80-18-M		2.5	0.71	18.0	0.09	2.2	0.10	2.5	23/32	18.0		
F80-20-M		2.5	0.79	20.0	0.09	2.2	0.10	2.5	25/32	20.0		
F81-9-M	12 AWG	4.0	0.35	9.0	0.11	2.8	0.13	3.2	11/32	8.0		
F81-10-M		4.0	0.39	10.0	0.11	2.8	0.13	3.2	13/32	10.0		
F81-12-M		4.0	0.47	12.0	0.11	2.8	0.13	3.2	15/32	12.0		
F81-15-M		4.0	0.59	15.0	0.11	2.8	0.13	3.2	19/32	15.0		
F81-18-M		4.0	0.71	18.0	0.11	2.8	0.13	3.2	23/32	18.0		
F81-20-M		4.0	0.79	20.0	0.11	2.8	0.13	3.2	25/32	20.0		
F82-10-M‡	10 AWG	6.0	0.39	10.0	0.14	3.5	0.15	3.9	13/32	10.0	CD-090**, CT-1002, +CT-1003, CT-1090, CT-1123, CT-1160, CT-1170, CT-2523CH***	
F82-12-M‡		6.0	0.47	12.0	0.14	3.5	0.15	3.9	15/32	12.0		
F82-15-M‡		6.0	0.59	15.0	0.14	3.5	0.15	3.9	19/32	15.0		
F82-18-M‡		6.0	0.71	18.0	0.14	3.5	0.15	3.9	23/32	18.0		
F82-20-M‡		6.0	0.79	20.0	0.14	3.5	0.15	3.9	25/32	20.0		

*UL listed with 20 AWG only, UL486F scope is 1/0-20AWG. White is DIN color for 20 AWG
+Tool/Part is not a UL listed Combination. For crimping tool information see www.panduit.com/tools.
**For use with CT-2300/ST or CT-2500CH crimp head
***Crimp head for use with CT-2500/L tool

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Ferrules, Non-Insulated (continued)

Type F

Part Number	Wire Size		Figure Dimensions						Wire Strip Length		Recommended Installation Tool	Std. Pkg. Qty.
			L		ID		OD					
	AWG	mm²	In.	mm	In.	mm	In.	mm	In.	mm		
F83-12-D‡	8 AWG	10.0	0.47	12.0	0.18	4.5	0.19	4.9	15/32	12.0	CD-090**, +CT-1003, +CT-1004, CT-1090, CT-1104, CT-1123, CT-1160, CT-1170, CT-2504***, CT-2523CH***	500
F83-15-D‡		10.0	0.59	15.0	0.18	4.5	0.19	4.9	19/32	15.0		
F83-18-D‡		10.0	0.71	18.0	0.18	4.5	0.19	4.9	23/32	18.0		
F83-20-D‡		10.0	0.79	20.0	0.18	4.5	0.19	4.9	25/32	20.0		
F83-25-D‡		10.0	0.98	25.0	0.18	4.5	0.19	4.9	31/32	25.0		
F84-12-TL‡	6 AWG	16.0	0.47	12.0	0.23	5.8	0.24	6.2	15/32	12.0	+CT-1004, CT-1104, CT-2504CH***	250
F84-15-TL‡		16.0	0.59	15.0	0.23	5.8	0.24	6.2	19/32	15.0		
F84-18-TL‡		16.0	0.71	18.0	0.23	5.8	0.24	6.2	23/32	18.0		
F84-20-TL‡		16.0	0.79	20.0	0.23	5.8	0.24	6.2	25/32	20.0		
F84-25-TL‡		16.0	0.98	25.0	0.23	5.8	0.24	6.2	31/32	25.0		
F84-32-TL‡		16.0	1.26	32.0	0.23	5.8	0.24	6.2	1 1/4	32.0		
F85-12-C	4 AWG	25.0	0.47	12.0	0.29	7.3	0.30	7.7	15/32	12.0	CT-1005	100
F85-15-C		25.0	0.59	15.0	0.29	7.3	0.30	7.7	19/32	15.0		
F85-18-C		25.0	0.71	18.0	0.29	7.3	0.30	7.7	23/32	18.0		
F85-25-C		25.0	0.98	25.0	0.29	7.3	0.30	7.7	31/32	25.0		
F85-32-C		25.0	1.26	32.0	0.29	7.3	0.30	7.7	1 1/4	32.0		
F86-18-C	2 AWG	35.0	0.71	18.0	0.33	8.3	0.34	8.7	23/32	18.0		
F86-20-C		35.0	0.79	20.0	0.33	8.3	0.34	8.7	25/32	20.0		
F86-25-C		35.0	0.98	25.0	0.33	8.3	0.34	8.7	31/32	25.0		
F86-32-C		35.0	1.26	32.0	0.33	8.3	0.34	8.7	1 1/4	32.0		
F87-18-C	1 AWG-1/0	50.0	0.71	18.0	0.41	10.3	0.43	10.9	23/32	18.0	CT-1006 CD-920-F87** CT-2001-F87***	100
F87-22-C		50.0	0.87	22.0	0.41	10.3	0.43	10.9	7/8	22.0		
F87-25-C		50.0	0.98	25.0	0.41	10.3	0.43	10.9	31/32	25.0		
F87-32-C		50.0	1.26	32.0	0.41	10.3	0.43	10.9	1 1/4	32.0		
F89-25-L*	2/0	70.0	0.98	25.0	0.49	12.5	0.52	13.3	31/32	25.0	CD-920-F89** CD-2001-F89***	50
F89-32-L*	2/0	70.0	1.26	32.0	0.49	12.5	0.52	13.3	1 1/4	32.0		
F90-25-L*	3/0	95.0	0.98	25.0	0.57	14.5	0.60	15.3	31/32	25.0	CD-920-F90** CD-2001-F90***	
F90-30-L*		95.0	1.18	30.0	0.57	14.5	0.60	15.3	13/16	30.0		
F90-32-L*		95.0	1.26	32.0	0.57	14.5	0.60	15.3	1 1/4	32.0		
F91-32-L*	4/0-250 kcmil	120.0	1.26	32.0	0.65	16.5	0.69	16.5	1 1/4	32.0	CD-920-F91** CD-2001-F91***	
F91-40-L*		120.0	1.57	40.0	0.65	16.5	0.69	16.5	1 19/32	40.0		
F92-32-L*	300 kcmil	150	1.26	32.0	0.73	18.5	0.77	19.5	1 1/4	32.0	CD-920-F92** CD-2001-F92***	
F92-38-L*		150	1.50	38.0	0.73	18.5	0.77	19.5	1 1/2	38.0		
F93-32-Q*	350 kcmil	185	1.26	32.0	0.79	20.0	0.83	21.2	1 1/4	32.0	CD-920-F93** CD-2001-F93***	25
F93-40-Q*		185	1.57	40.0	0.79	20.0	0.83	21.2	1 19/32	40.0		
F94-40-Q*	400 kcmil	240	1.57	40.0	0.90	22.8	0.94	24.0	1 19/32	40.0	CD-920-F94** CD-2001-F94***	

*Not UL listed, UL486F scope is 20 - 1/0 AWG only
**Dies compatible for use with CT-3001/ST, CT-3001/CCP, CT-930LPCH tools
***Dies compatible for use with CT-2001 and CT-3001 tools
CD-920-F series dies require adapter UA22 for CT3001/CCP tool
**For use with CT-2300/ST or CT-2500CH crimp head
***Crimp head for use with CT-2500/L tool
Visit www.panduit.com/tools for additional information

Ferrule Assortment Kits

- Large selection of ferrules in a convenient compact case
- Plastic case is both durable and reusable keeping ferrules organized and separated

KP-FSD1, KP-FSD2, and KP-FSD3

KP-F1 and KP-F2

Part Number	Part Description	Std. Pkg. Qty.
KP-FSD1	Ferrule kit includes: #24 – 18 AWG insulated DIN ferrules. Case includes: 30 pieces each of FSD73-6, FSD74-6, FSD75-8, FSD76-8 and FSD77-8.	1
KP-FSD2	Ferrule kit includes: #22 – 14 AWG insulated DIN ferrules. Case includes: 100 pieces each of FSD76-8, FSD77-8, FSD78-8 50 pieces each of FSD75-8 and FSD80-8.	
KP-FSD3	Ferrule kit includes: #12 – 6 AWG insulated DIN ferrules. Case includes: 50 pieces of FSD81-10 20 pieces each of FSD82-12 and FSD83-12 10 pieces of FSD84-12.	
KP-F1	Ferrule kit includes: #22 – 14 AWG non-insulated ferrules. Case includes: 500 pieces of F75-6 400 pieces each of F76-6 and F77-6 300 pieces of F78-7 200 pieces of F80-7.	
KP-F2	Ferrule kit includes: #12 – 6 AWG non-insulated ferrules. Case includes: 150 pieces of F81-9 100 pieces of F82-10 80 pieces of F83-12 40 pieces of F84-12.	

Ferrule kits do not include crimping tool.

Order number of pieces required, in multiples of Standard Package Quantity.

Tooling Selection Guide for Panduit® Ferrules

Panduit Ferrule Series	Ferrule Description	Wire Range (AWG)	Wire Range (mm²)	Wire Strip Length	CT-1000	CT-1090	CT-1002	CT-1003	CT-1004	CT-1005	CT-1006	CT-1104	CT-1123	CT-1160	CT-1170	CT-2300/ST with CD-090	CT-2500/L with CD-090	CT-2500/L with CT-2523CH	CT-2500/L with CT-2504CH	CT-3001/ST
F	Non-insulated ferrules	24	0.25	Please See Ferrule Tables – Pages D1.56 – D1.61			X	X					X					X		
		22 – 18	0.50 – 1.00			X	X	X					X	X	X	X	X	X		
		16	1.50			X	X	X					X	X	X	X	X	X		
		14	2.50			X	X	X					X	X	X	X	X	X		
		12	4.00			X	X	X					X	X	X	X	X	X		
		10	6.00			X	X	X					X	X	X	X	X	X		
		8	10.0			X		X	X			X	X	X	X	X	X	X	X	
		6	16.0					X	X			X							X	
		4 – 2	25.0 – 35.0							X										
		1 – 1/0	50.0								X									X
		2/0	70.0																	X
		3/0	95.0																	X
		4/0 – 250 kcmil	120.0																	X
		300 kcmil	150.0																	X
		350 kcmil	185.0																	X
		400 kcmil	240.0																	X
FSD	Insulated Single Wire Ferrules (DIN Color Code)	26 – 18	0.14 – 1.00			X	X	X					X	X	X	X	X	X		
		16 – 14	1.50 – 2.00			X	X	X					X	X	X	X	X	X		
		12 – 10	4.00 – 6.00			X	X	X					X	X	X	X	X	X		
		8	10.0			X		X	X			X	X	X	X	X	X	X	X	
		6	16.0					X	X			X							X	
		4 – 2	25.0 – 35.0							X										
		1 – 1/0	50.0								X									X
		2/0	70.0																	X
		3/0	95.0																	X
		4/0 – 250 kcmil	120.0																	X
		300 kcmil	150.0																	X
FTD	Insulated Twin Wire Ferrules (DIN Color Code)	22 – 18	0.50 – 1.00			X	X	X					X	X	X	X	X	X		
		16 – 14	1.50 – 2.00			X	X	X					X	X	X	X	X	X		
		12	4.00			X	X	X					X	X	X	X	X	X		
		10	6.00			X		X	X			X		X	X	X	X		X	
		8 – 6	10.0 – 16.0							X										
FSD-DSL	Insulated Single Wire Ferrules on Strips of 50 (DIN Color Code)	20 – 14	0.5 – 2.5	0.31" (8mm)	X															

Technical Specification and Selection Information

The following pages provide information helpful in specifying Panduit® terminals and selecting the appropriate terminal and tooling for your applications.

Panduit Terminal Approvals

Logo (Symbol)	Agency	Spec/Approval	Requirement	Applicable Products
UL LISTED c UL us	Underwriters Laboratories, Inc.	#E52164 – UL486A	Minimum tensile strength (pull out force for the crimp terminal) and test current for max. 50°C rise (amps)	All Ring and Fork Terminals
		#E78522 – UL310	Minimum tensile strength (pull out force for the crimp terminal) and continuous test current for max. 30°C rise (amps) (for 0.187", 0.205", 0.250" tab widths) and (0.110" tab width)	All Disconnects
		#E52164 – UL486C	Minimum tensile strength (pull out force for the crimp terminal) and test current for max. 50°C rise (amps)	All Splices
UL CERTIFIED		#E472545 – UL486F	Minimum tensile strength (pull force for the crimped ferrule), Mold Stress Relief, and Dielectric Voltage Withstand	Select Ferrules
SP CERTIFIED c UL us	Canadian Standards Association	#LR31212 – C22.2 No. 65	Minimum tensile strength (pull out force for the crimp terminal) and test current for max. 50°C rise (amps)	All Ring and Fork Terminals
		#LR31212 – C22.2 No. 153		All Disconnects
		#LR31212 – C22.2 No.291-14	Minimum tensile strength (pull force for the crimped ferrule), Mold Stress Relief, and Dielectric Voltage Withstand	All Ferrules
ABS TYPE APPROVAL PROGRAM	American Bureau of Shipping	ABS Rules, Steel Vessel Rules 1-1-4/7.7, 4-8-3/9.19, 4-8-4/21.28	Passed extensive testing requirements to verify that product will perform reliably in marine and offshore environments.	Fork Terminals: P-F, PN-F, PV-F, PN-LF, PNF-LF, PV-LF, P-LF Ring Terminals: P-R, PN-R, PNF-R, PV-R, S-R Wire Joints: JN224-318, JN218-216, JN418-212 Splices: BSN, BSV, BS Disconnects: DNF, DNF-FIB, DVF, D, DNF-FL, DNF-M, DNF18-250M, DNF14-250M, DNF18-250FIM, FIMB, FIB, 14-250FIM, FIMB, and FIB
	Dept. of Defense	Mil Spec Qualification Test Ref #01017302.AE/05-24-2016	Approved for listing on QPL AS 7928 Class I and Class II	Ring Terminals

Order number of pieces required, in multiples of Standard Package Quantity.

Performance Requirements

	Wire Size (AWG)								
	#26	#24	#22	#20	#18	#16	#14	#12	#10
UL 486A (TERMINALS), UL 310 (MALE BLADE ADAPTERS)									
Test Current for Max. 50°C Rise (Amps)	3.5	7	9	12	17	18	30	35	50
Min. Tensile Strength* (Lbs.)	3	5	8	13	20	30	50	70	80
UL 486C (SPLICES)									
Test Current for Max. 50°C Rise (Amps)	5.5	7	9	12	17	18	30	35	50
Min. Tensile Strength* (Lbs.)	3	5	8	10	10	15	25	35	40

*Pull-out force of the crimped terminal.

	Wire Size (AWG)						
	#22	#20	#18	#16	*#14	#12	#10
UL 310 (DISCONNECTS)							
Continuous Test Current for Max. 30°C Rise (amps) (for 187", 205", 250" tab widths)	3	4	7	10	15	20	24
Continuous Test Current for Max. 30°C Rise (amps) (for 0.110", tab width)	2	3	4	5	Not Applicable		
Min. Tensile Strength* (Lbs.)	8	13	20	30	50	70	80

*Pull-out force of the crimped disconnect.

Applicable Pan-Term® products meet or exceed the following test specifications:

- UL 486A (Terminals)
- UL 486C (Splices)
- UL 310 (Blade Adapters)
- CSA C22.2 No. 65 (all designs)

UL and CSA approved products are shown with the applicable logos in the product section. UL file #E52164, CSA File #LR31212.

Applicable Pan-Term® products meet or exceed the following test specifications:

- UL 310 (Disconnects)
- CSA C22.2 No. 153 (all designs)

UL and CSA Listed products are shown with the applicable logos in the product section. UL file #E78522 and CSA file #LR31212.

Applicable Panduit® ferrules meet or exceed the following test specifications:

- UL 486F (Ferrules)
- CSA-C22.2 No.291-14
- DIN color code

UL and CSA Listed products are shown with the applicable logos in the product section. UL file #E472545 and CSA file #LR31212

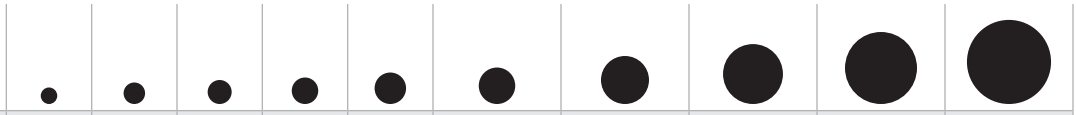
Panduit® Pan-Term® Terminal Military Cross Reference

Current Mil. Std Part No., Class 1	Ring Terminals Nylon Insulated
MS25036-101	PN18-6RN
MS25036-102	PN18-6R
MS25036-103	PN18-10R
MS25036-104	PN18-56R
MS25036-105	PN18-38R
MS25036-106	PN14-6RN
MS25036-107	PN14-6R
MS25036-108	PN14-10R
MS25036-109	PN14-56R
MS25036-110	PN14-38R
MS25036-111	PN10-6R
MS25036-112	PN10-10R
MS25036-113	PN10-56R
MS25036-114	PN10-38R
MS25036-148	PN18-4RN
MS25036-149	PN18-8R
MS25036-150	PN18-14R
MS25036-152	PN14-4R
MS25036-153	PN14-8R
MS25036-154	PN14-14R
MS25036-156	PN10-8R
MS25036-157	PN10-14R

Current Mil. Std Part No., Class 2	Ring Terminals, Nylon Insulated or Nylon Insulated with Funnel Entry
MS25036-101	PN18-6RN or PNF18-6RN
MS25036-102	PN18-6R or PNF18-6R
MS25036-103	PN18-10R or PNF18-10R
MS25036-104	PN18-56R or PNF18-56R
MS25036-105	PN18-38R or PNF18-38R
MS25036-106	PN14-6RN or PNF14-6RN
MS25036-107	PN14-6R or PNF14-6R
MS25036-108	PN14-10R or PNF14-10R
MS25036-109	PN14-56R or PNF14-56R
MS25036-110	PN14-38R or PNF14-38R
MS25036-111	PN10-6R or PNF10-6R
MS25036-112	PN10-10R or PNF10-10R
MS25036-113	PN10-56R or PNF10-56R
MS25036-114	PN10-38R or PNF10-38R
MS25036-148	PN18-4RN or PNF18-4RN
MS25036-149	PN18-8R or PNF18-8R
MS25036-150	PN18-14R or PNF18-14R
MS25036-152	PN14-4R or PNF14-4R
MS25036-153	PN14-8R or PNF14-8R
MS25036-154	PN14-14R or PNF14-14R
MS25036-156	PN10-8R or PNF10-8R
MS25036-157	PN10-14R or PNF10-14R
Crimping Tools: CT-400 and CT-460	

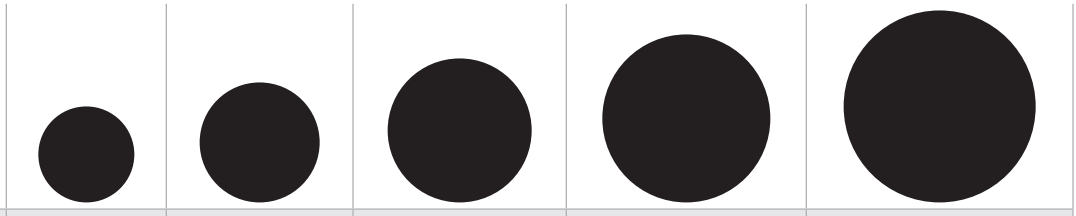
Current Mil. Std Part No., Class 1	Ring Terminals Non-Insulated
MS20659-165	P10-6R
MS20659-105	P10-10R
MS20659-106	P10-56R
MS20659-128	P10-38R

Stud Size Chart (Inches/Millimeters)



Standard Stud Size	#2	#4	#5	#6	#8	#10	14"	5/16"	3/8"	7/16"
Metric Stud Size (mm)	M2	M2.5	M3	M3.5	M4	M5	M6	M8	M10	M11
Stud Size Decimal Equivalent	0.086"	0.112"	0.127"	0.138"	0.164"	0.190"	0.250"	0.312"	0.375"	0.438"
Metric Diameter (mm)	2.18	2.84	3.18	3.51	4.17	4.83	6.35	7.92	9.53	11.13
Terminal Hole Diameter	0.090"	0.118"	0.130"	0.147"	0.173"	0.204"	0.270"	0.343"	0.392"* 0.406"**	0.456"
Terminal Hole Diameter Metric (mm)	2.29	3.0	3.23	3.71	4.39	5.18	6.86	8.71	9.78	11.58
Stud Size Designation in Panduit Part Number	2	4	5	6	8	10	14	56	38	76

*Terminal stud.
**Power Connector stud.



Standard Stud Size	1/2"	5/8"	3/4"	7/8"	1"
Metric Stud Size (mm)	M12	M16	M18	M20	M25
Stud Size Decimal Equivalent	0.500"	0.625"	0.750"	0.875"	1.00"
Metric Diameter (mm)	12.7	15.88	19.05	22.23	25.4
Terminal Hole Diameter	0.531"	0.656"	0.810"	0.906"	1.031"
Terminal Hole Diameter Metric (mm)	13.49	16.66	20.57	23.01	26.19
Stud Size Designation in Panduit Part Number	12	58	34	78	1

Note: Stud hole diagrams are for U.S. reference only.

Order number of pieces required, in multiples of Standard Package Quantity.

Equivalent Tables

Decimal/Inches/Millimeters

1/64	*0.0156*	0,396
1/32	*0.0312*	0,792
3/64	*0.0468*	1,189
1/16	*0.0625*	1,588
5/64	*0.0781*	1,984
3/32	*0.0937*	2,380
7/64	*0.1093*	2,779
1/8	*0.125*	3,175
9/64	*0.1406*	3,571
5/32	*0.1562*	3,968
11/64	*0.1718*	4,366
3/16	*0.1875*	4,763
13/64	*0.2031*	5,159
7/32	*0.2187*	5,555
15/64	*0.2343*	5,954
1/4	*0.25*	6,350
17/64	*0.2656*	6,746
9/32	*0.2812*	7,143
19/64	*0.2968*	7,541
5/16	*0.3125*	7,938
21/64	*0.3281*	8,337
11/32	*0.3437*	8,730
23/64	*0.3593*	9,129
3/8	*0.375*	9,525
25/64	*0.3906*	9,921
13/32	*0.4062*	10,317
27/64	*0.4218*	10,716
7/16	*0.4375*	11,113
29/64	*0.4531*	11,509
15/32	*0.4687*	11,905
31/64	*0.4843*	12,304
1/2	*0.5*	12,700
33/64	*0.5156*	13,100
17/32	*0.5312*	13,492
35/64	*0.5468*	13,891
9/16	*0.5625*	14,288
37/64	*0.5781*	14,684
19/32	*0.5937*	15,080
39/64	*0.6093*	15,479
5/8	*0.625*	15,875
41/64	*0.6406*	16,271
21/32	*0.6562*	16,667
43/64	*0.6718*	17,066
11/16	*0.6875*	17,463
45/64	*0.7031*	17,859
23/32	*0.7187*	18,255
47/64	*0.7343*	18,654
3/4	*0.75*	19,050
49/64	*0.7656*	19,446
25/32	*0.7812*	14,842
51/64	*0.7968*	20,241
13/16	*0.8125*	20,637
53/64	*0.8281*	21,034
27/32	*0.8437*	21,480
55/64	*0.8593*	21,828
7/8	*0.875*	22,225
57/64	*0.8906*	22,620
29/32	*0.9062*	23,017
59/64	*0.9218*	23,416
15/16	*0.9375*	23,810
61/64	*0.9531*	24,208
31/32	*0.9687*	24,605
63/64	*0.9843*	25,001
1	*1.*	25,400

Common Conductor Size Chart (Stranded Wire)

Size	No. of Strands	Individual Strand Size Inches (mm)	Conductor Size Inches (mm)	Conductor Size Circle Mil Area (mm²)
22 AWG	7	0.0096 (0.24)	0.029 (0.74)	640 (0.324)
20 AWG	10	0.0100 (0.25)	0.038 (0.97)	1020 (0.519)
18 AWG	16	0.0100 (0.25)	0.048 (1.22)	1620 (0.823)
16 AWG	26	0.0100 (0.25)	0.060 (1.52)	2580 (1.310)
14 AWG	7	0.0242 (0.61)	0.073 (1.85)	4110 (2.080)
12 AWG	7	0.0305 (0.77)	0.092 (2.34)	6530 (3.310)
10 AWG	7	0.0385 (0.98)	0.116 (2.95)	10,380 (5.261)
8 AWG	7	0.0486 (1.23)	0.146 (3.71)	16,510 (8.367)
6 AWG	7	0.0612 (1.55)	0.184 (4.67)	26,240 (13.30)
4 AWG	7	0.0772 (1.96)	0.232 (5.89)	41,740 (21.15)
2 AWG	7	0.0974 (2.47)	0.292 (7.42)	66,360 (33.62)
1 AWG	19	0.0664 (1.69)	0.332 (8.43)	83,690 (42.41)

Size	No. of Strands	Individual Strand Size Inches (mm)	Conductor Size Inches (mm)	Conductor Size Circle Mil Area (mm²)
1/0 AWG	19	0.0745 (1.89)	0.373 (9.47)	105,600 (0.823)
2/0 AWG	19	0.0837 (2.13)	0.418 (10.62)	133,100 (67.43)
3/0 AWG	19	0.0940 (2.39)	0.470 (11.94)	167.800 (85.01)
4/0 AWG	19	0.1055 (2.68)	0.528 (13.41)	211,600 (107.2)
250 kcmil	37	0.0822 (2.09)	0.575 (14.61)	250,000 (127)
300 kcmil	37	0.0900 (2.29)	0.630 (16.00)	300,000 (152)
350 kcmil	37	0.0973 (2.47)	0.681 (17.29)	350,000 (177)
400 kcmil	37	0.1040 (2.64)	0.728 (18.49)	400,000 (203)
500 kcmil	37	0.1162 (2.95)	0.813 (20.65)	500,000 (253)
600 kcmil	61	0.0992 (2.52)	0.893 (22.68)	600,000 (304)
750 kcmil	61	0.1109 (2.82)	0.998 (25.35)	750,000 (380)
800 kcmil	61	0.1145 (2.91)	1.031 (26.19)	800,000 (405)
1000 kcmil	61	0.1280 (3.25)	1.152 (29.26)	1,000,000 (507)

Common Conductor Sizes and Strandings Reference Chart

Conductor		Individual Strands			Overall Conductor Size			Conductor		Individual Strands			Overall Conductor Size		
			Diameter		Diameter		Area				Diameter		Diameter		Area
AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. MILS	AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. MILS
	0.05	25	0.05	0.002	0.25	0.010	97		1.0	19	0.25	0.010	1.30	0.051	1841
	0.06	41	0.05	0.002	0.36	0.014	159			1	1.13	0.044	1.13	0.044	1979
26		10	0.13	0.005	0.53	0.021	250			32	0.20	0.008	1.30	0.051	1984
		1	0.41	0.016	0.41	0.016	256			7	0.43	0.017	1.30	0.051	2006
		7	0.16	0.006	0.48	0.019	278	16		19	0.29	0.011	1.47	0.058	2426
		19	0.10	0.004	0.51	0.020	304			65	0.16	0.006	1.50	0.059	2580
24		41	0.08	0.003	0.58	0.023	384			*26	0.25	0.010	1.50	0.059	2600
		10	0.16	0.006	0.58	0.023	397			1	1.30	0.051	1.30	0.051	2601
		1	0.51	0.020	0.51	0.020	400			105	0.13	0.005	1.50	0.059	2625
		7	0.20	0.008	0.61	0.024	448			*7	0.51	0.020	1.52	0.060	2828
		19	0.13	0.005	0.61	0.024	475		1.5	30	0.25	0.010	1.70	0.067	2906
	0.25	65	0.07	0.003	0.65	0.026	484			21	0.30	0.012	1.60	0.063	2930
		128	0.05	0.002	0.65	0.026	496			189	0.10	0.004	1.90	0.075	2930
		32	0.10	0.004	0.65	0.026	496			7	0.52	0.020	1.60	0.063	2934
		14	0.16	0.006	0.65	0.026	556			1	1.38	0.054	1.38	0.054	2952
22		1	0.64	0.025	0.64	0.025	625	14		45	0.16	0.006	1.85	0.073	3786
		16	0.16	0.006	0.76	0.030	635			19	0.38	0.014	1.85	0.073	3831
		26	0.13	0.005	0.76	0.030	650			1	1.63	0.064	1.63	0.064	4096
		7	0.25	0.010	0.76	0.030	700			*41	0.25	0.010	1.85	0.073	4100
		19	0.16	0.006	0.79	0.031	754			*7	0.64	0.025	1.85	0.073	4481
	0.38	48	0.10	0.004	0.80	0.031	744		2.5	50	0.25	0.010	2.20	0.087	4844
		194	0.05	0.002	0.80	0.031	752			7	0.67	0.026	2.10	0.083	4871
		100	0.07	0.003	0.80	0.031	760			35	0.30	0.012	2.20	0.087	4883
		7	0.27	0.011	0.80	0.031	791			315	0.10	0.004	2.20	0.087	4883
		12	0.21	0.008	0.80	0.031	820			1	1.78	0.070	1.78	0.070	4911
		21	0.16	0.006	0.80	0.031	833	12		19	0.45	0.018	2.36	0.093	6088
	0.5	7	0.30	0.012	0.90	0.035	977			*65	0.25	0.010	2.41	0.095	6500
		16	0.20	0.008	0.90	0.035	992			165	0.16	0.006	2.41	0.095	6549
		1	0.80	0.031	0.80	0.031	992			1	2.06	0.081	2.06	0.081	6561
20		*10	0.25	0.010	0.89	0.035	1000			*7	0.81	0.032	2.44	0.096	7168
		1	0.81	0.032	0.81	0.032	1024		4.0	56	0.30	0.012	3.10	0.122	7812
		41	0.13	0.005	0.91	0.036	1025			1	2.26	0.089	2.26	0.089	7917
		26	0.16	0.006	0.91	0.036	1032			511	0.10	0.004	3.00	0.118	7921
		*7	0.32	0.013	0.97	0.038	1111			19	0.52	0.020	2.70	0.106	7963
		19	0.20	0.008	0.94	0.037	1216	10		37	0.40	0.016	2.92	0.115	9354
	0.75	7	0.37	0.015	1.10	0.043	1485			49	0.36	0.014	2.95	0.116	9880
		24	0.20	0.008	1.20	0.047	1488			*7	0.98	0.039	2.95	0.116	10376
		1	1.00	0.039	1.00	0.039	1550			1	2.59	0.102	2.59	0.102	10404
18		*16	0.25	0.010	1.19	0.047	1600			*105	0.25	0.010	2.95	0.116	10500
		1	1.02	0.040	1.02	0.040	1600		6.0	84	0.30	0.012	3.50	0.138	11718
		65	0.13	0.005	1.19	0.047	1625			756	0.10	0.004	3.70	0.146	11718
		41	0.16	0.006	1.19	0.047	1627			1	2.76	0.109	2.76	0.109	11807
		*7	0.40	0.016	1.22	0.048	1770			7	1.05	0.041	3.20	0.126	11962
		19	0.25	0.010	1.24	0.049	1900			19	0.64	0.025	3.30	0.130	12063

*Strandings required for UL and CSA certification testing.

This chart details the different conductors commonly used in the industry. For each size, either AWG or metric, various stranding options are listed. Typically the higher stranding is used in applications requiring greater conductor flexibility.

AWG to Metric Wire Crosses	
AWG	Metric (mm²)
26 – 22	0.1 – 0.5
22 – 18	0.5 – 1.0
16 – 14	1.5 – 2.5
12 – 10	4.0 – 6.0

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

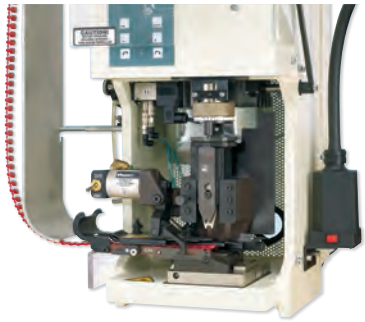
Common Conductor Sizes and Strandings Reference Chart (continued)

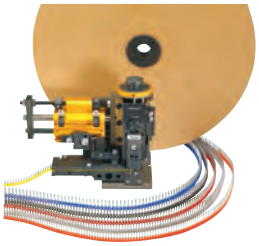
Conductor		Individual Strands			Overall Conductor Size			Conductor		Individual Strands			Overall Conductor Size		
			Diameter		Diameter		Area				Diameter		Diameter		Area
AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. MILS	AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. MILS
	6	7	0.107	0.042	3.21	0.126	11840		95	19	2.57	0.101	12.8	0.505	187500
		1	2.77	0.109	2.77	0.109	11840			37	1.83	0.072	12.5	0.504	187500
9		7	1.1	0.0432	3.3	0.13	13000	4/0		19	2.89	0.1055	13.4	0.528	211600
		1	2.91	0.1144	2.91	0.114	13090		120	37	2.06	0.081	14.4	0.567	237.8 kcmil
8		1	3.26	0.1285	3.25	0.128	16510	250 kcmil		37	2.07	0.0822	14.6	0.575	250 kcmil
		7	1.23	0.0486	3.7	0.146	16510	300 kcmil	150	37	2.29	0.09	16	0.63	300 kcmil
	10	7	1.37	0.054	4.12	0.162	19740	350 kcmil		37	2.47	0.0973	17.3	0.681	350 kcmil
		1	3.58	0.141	3.58	0.141	19740		185	37	2.54	0.1	17.8	0.7	365.1 kcmil
7		7	1.38	0.0545	4.15	0.164	20520	400 kcmil		37	2.64	0.104	18.5	0.728	400 kcmil
		1	3.67	0.1443	3.67	0.144	20520		240	37	2.9	0.114	20.3	0.798	473.6 kcmil
6		7	1.55	0.0612	4.66	0.184	26240			61	2.26	0.089	20.3	0.801	
		1	4.11	0.162	4.11	0.162	26240	500 kcmil		37	2.95	0.1162	20.7	0.813	500 kcmil
	16	7	1.73	0.008	5.13	0.204	31580			61	2.3	0.0905	20.7	0.814	
5		7	1.75	0.0688	5.24	0.206	33090		300 kcmil	61	2.51	0.099	22.6	0.891	592.1 kcmil
4		7	1.96	0.0772	5.88	0.232	41740	600 kcmil		61	2.52	0.0992	22.7	0.893	600 kcmil
	25	7	2.16	0.085	6.48	0.255	49340	700 kcmil		61	2.72	0.1071	24.5	0.964	700 kcmil
		19	1.32	0.052	6.6	0.26	49340	750 kcmil		61	2.82	0.1109	25.4	0.998	750 kcmil
3		7	2.2	0.0867	6.61	0.26	52620			91	2.31	0.0908			
2		7	2.47	0.0974	7.42	0.292	66300		400	61	2.9	0.114	26.1	1.026	798.4 kcmil
	35	7	2.54	0.1	7.62	300	69070	800 kcmil		61	2.91	0.1145	26.2	1.031	800 kcmil
		19	1.55	0.001	7.75	0.305	69070			91	2.38	0.0938		1.032	
1		19	1.5	0.0064	8.43	0.332	83690	1000 kcmil	500	61	3.25	0.128	28.3	1.152	986.8 kcmil
	50	19	1.85	0.073	9.27	0.365	98680			91	2.66	0.1048	29.3	1.153	1000 kcmil
1/0		19	1.59	0.0745	9.46	0.373	10500		625	91	2.97	0.117	32.7	1.287	1233.7 kcmil
2/0		19	2.13	0.0837	10.6	0.419	133100								
	70	19	2.18	0.086	10.9	0.43	138100								
3/0		19	2.59	0.094	11.9	0.47	167800								
		36	1.71	0.0673	12	0.471	167800								

This chart details the different conductors commonly used in the industry. For each size, either AWG or metric, various stranding options are listed. Typically the higher stranding is used in applications requiring greater conductor flexibility.

AWG to Metric Wire Crosses	
AWG	Metric (mm²)
26 – 22	0.1 – 0.5
22 – 18	0.5 – 1.0
16 – 14	1.5 – 2.5
12 – 10	4.0 – 6.0

Notes





Reel Smart™ System

The Panduit® Reel Smart™ System provides the best solution for quality, high volume terminations designed to dramatically reduce set-up time and production downtime. This increased efficiency translates into real cost savings throughout the termination process from start to finish.

- **One applicator system terminates over 400 continuously molded terminals, reducing cost of ownership**
- **Continuously molded integrated carrier guarantees alignment of terminal; front to back and side to side to eliminate skewing of product resulting in consistent, high quality low cost termination**
- **Available in large reels requiring less product changeover, resulting in less downtime**
- **Applicable sizes are UL Listed and CSA Certified, as noted**
- **Panduit® CA9 Ezair™ Universal Applicator works with Reel Smart™ Reel-Fed Terminals to deliver the ultimate fully automatic, high-capacity termination performance**
- **Panduit reel fed strip ferrules combine with tooling options to support wire harness, control panel, and automatic wire processing applications**

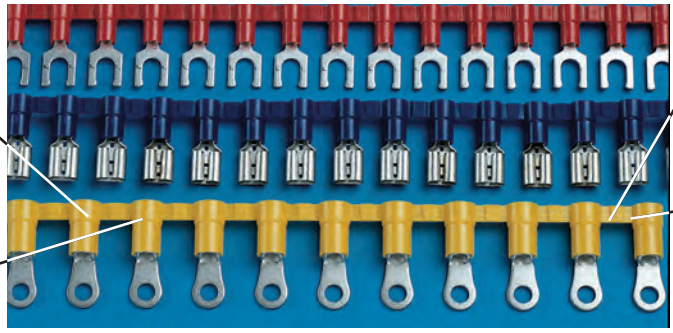
Panduit continually provides new designs with innovative features to meet the application challenges encountered by customers, while providing the lowest installed cost.

Features and Benefits – Reel Smart™ Termination System

The Panduit® continuously molded Reel Smart™ products are designed such that the terminal, disconnect, and butt splice housings are connected by an integral molded carrier in the barrel crimp zone, producing a continuous length of product. Plated metal terminals, disconnects, and splices are then assembled into the housings. During termination, the continuously molded components are fed into a universal applicator. This process produces a reel-fed solution that eliminates a variety of problems associated with other reel-fed designs and provides high quality, high capacity product on reels for longer, uninterrupted production runs – resulting in the lowest installed cost.

Pre-insulated design eliminates the need for post-insulation – resulting in labor savings

Barrel position is controlled for consistent wire feed targeting to deliver high process capability



Continuously molded design always aligns product with the carrier strip – resulting in trouble free tool operation

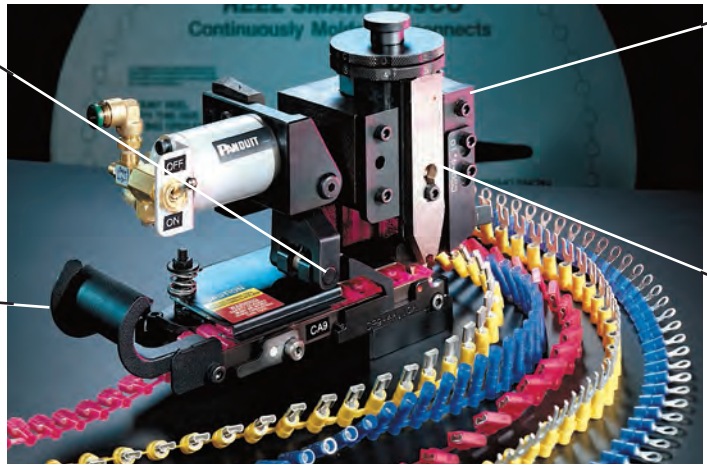
Plastic carrier strip eliminates sharp, unplated edges as found on metal strip-fed carriers – providing better corrosion resistance

Reel Smart™ CA9 Ezair™ Universal Applicator

The Panduit® CA9 Ezair™ applicator automatically adjusts feed stroke to the correct pitch and length for the entire product line of continuously molded products. The need for multiple applicators is eliminated. The applicator, in conjunction with the precision, continuously molded product provides perfect front-to-back and side-to-side alignment in the die pocket for a high quality termination every time – resulting in the most optimum system to terminate terminals.

Automatic, self-adjusting feed stroke – resulting in correct pitch and length

Versatile applicator design – allows for installation in bench presses, and most automatic wire processing systems of 3rd party manufacturers



Universal applicator installs Reel Smart™ product line – resulting in lower tooling inventory costs

Quick change dies – provide fast product change-over and reduction in set-up time

Nylon Insulated Terminals with Insulation Grip Sleeve (Funnel and Non-Funnel Entry Types)

The three-piece design terminal provides a permanently attached tin plated brass sleeve for insulation grip in funnel and straight entry sleeve designs. This product feature offers the most reliable terminations. Nylon insulation is rated up to 600 V maximum and designed for up to 221°F (105°C) operating temperature maximum. Supplied on rings, forks, locking forks, short locking forks and flanged forks in wire sizes #22 through #10.

- Sleeved barrel – assures crimp reliability
- PNF – funnel entry styles available
- Metal insulation crimp – provides DOUBLE CRIMP wire insulation grip sleeve for high vibration and to meet conductor strain environments
- Internal wire barrel serrations – provides increased wire contact and maximum tensile strength
- Product markings – UL and CSA rated – up to 600 V, maximum operating temperature 221°F (105°C)

Order number of pieces required, in multiples of Standard Package Quantity.

Part Number System for Reel Smart™ Terminals

P	NF	14	—	6	R	N	3K
Type	Insulation	Wire Range		Stud Size	Tongue Configuration	Special Configuration	Std. Pkg. Size

Type
- P = Terminal
- BS = Butt Splice

Insulation
- N = Nylon Insulated
- NF = Nylon Insulated Funnel Entry
- V = Vinyl Insulated

Wire Range
- 18 = #22 – 18
- 14 = #16 – 14
- 12 = #16 – 12
- 10 = #12 – 10

Stud Size
- 4 = #4
- 5 = #5
- 6 = #6
- 8 = #8
- 10 = #10
- 14 = 1/4"
- 56 = 5/16"
- 38 = 3/8"

Tongue Configuration
- R = Ring
- HDR = Heavy Duty Ring
- F = Fork
- FF = Flanged fork
- LF = Locking fork

Special Configuration
- N = Narrow Tongue
- W = Wide Tongue
- B = Butted Seam
- = Standard (leave blank)

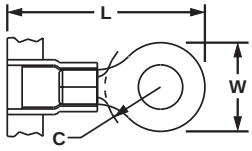
Std. Pkg. Size
- 2K = 2,000 pcs.
- 3K = 3,000 pcs.

Ring Terminals, Nylon Insulated – Non-Funnel Entry

LISTED CERTIFIED

Type PN-R

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Ring tongue design assures a secure connection in high vibration applications
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



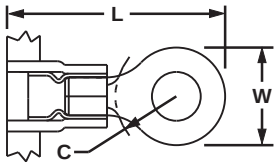
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
PN18-4R-3K	22 – 18 AWG	Red	0.03	0.145	#4	0.80	0.25	0.22	CD9-1A	CD-800-1	3000
PN18-6RN-3K			0.03	0.145	#6	0.74	0.22	0.18			
PN18-6R-3K			0.03	0.145	#6	0.78	0.25	0.22			
PN18-8R-3K			0.03	0.145	#8	0.86	0.31	0.25			
PN18-10R-3K			0.03	0.145	#10	0.86	0.31	0.25			
PN18-14R-3K			0.03	0.145	1/4"	1.05	0.45	0.38			
PN14-4R-3K	16 – 14 AWG	Blue	0.03	0.162	#4	0.76	0.25	0.22	CD9-2A	CD-800-2	3000
PN14-6RN-3K			0.03	0.162	#6	0.76	0.25	0.22			
PN14-6R-3K			0.03	0.162	#6	0.86	0.31	0.25			
PN14-8R-3K			0.03	0.162	#8	0.86	0.31	0.25			
PN14-10R-3K			0.03	0.162	#10	0.86	0.31	0.25			
PN14-14R-3K			0.03	0.162	1/4"	1.06	0.44	0.38			
PN10-6R-2K	12 – 10 AWG	Yellow	0.04	0.225	#6	1.06	0.38	0.31	CD9-3B	CD-800-3	2000
PN10-8R-2K			0.04	0.225	#8	1.06	0.38	0.31			
PN10-10R-2K			0.04	0.225	#10	1.06	0.38	0.31			
PN10-14R-2K			0.04	0.225	1/4"	1.21	0.52	0.38			
PN10-56R-2K			0.04	0.225	5/16"	1.21	0.52	0.38			
PN10-38R-2K			0.04	0.225	3/8"	1.29	0.58	0.43			

Ring Terminals, Nylon Insulated – Funnel Entry

LISTED CERTIFIED

Type PNF-R

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Ring tongue design assures a secure connection in high vibration applications
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
PNF18-4RN-3K	22 – 18 AWG	Red	0.03	0.145	#4	0.74	0.22	0.19	CD9-1A	CD-800-1	3000
PNF18-4R-3K			0.03	0.145	#4	0.78	0.25	0.21			
PNF18-6RN-3K			0.03	0.145	#6	0.74	0.22	0.16			
PNF18-6R-3K			0.03	0.145	#6	0.78	0.25	0.21			
PNF18-8R-3K			0.03	0.145	#8	0.86	0.31	0.25			
PNF18-10R-3K			0.03	0.145	#10	0.86	0.31	0.25			
PNF18-14R-3K			0.03	0.145	1/4"	1.06	0.46	0.38			
PNF14-4R-3K	16 – 14 AWG	Blue	0.03	0.162	#4	0.78	0.25	0.18	CD9-2A	CD-800-2	3000
PNF14-6RN-3K			0.03	0.162	#6	0.78	0.25	0.18			
PNF14-6R-3K			0.03	0.162	#6	0.87	0.31	0.24			
PNF14-8R-3K			0.03	0.162	#8	0.87	0.31	0.25			
PNF14-10R-3K			0.03	0.162	#10	0.85	0.31	0.29			
PNF14-14R-3K			0.03	0.162	1/4"	1.06	0.46	0.40			
PNF10-6R-2K	12 – 10 AWG	Yellow	0.04	0.225	#6	1.06	0.38	0.31	CD9-3B	CD-800-3	2000
PNF10-8R-2K			0.04	0.225	#8	1.06	0.38	0.31			
PNF10-10R-2K			0.04	0.225	#10	1.06	0.38	0.31			
PNF10-14R-2K			0.04	0.225	1/4"	1.21	0.52	0.38			
PNF10-56R-2K			0.04	0.225	5/16"	1.21	0.52	0.38			
PNF10-38R-2K			0.04	0.225	3/8"	1.29	0.58	0.43			

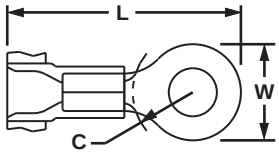
Order number of pieces required, in multiples of Standard Package Quantity.

LISTED CERTIFIED

Ring Terminals, Vinyl Insulated – Funnel Entry

Type PV-RB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Ring tongue design assures a secure connection in high vibration applications
- Insulation support helps to prevent wire damage in bending applications
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up 600 V per UL 486A/B

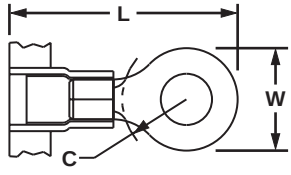


Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
PV18-4RNB-3K	22 – 18 AWG	Red	0.03	0.150	#4	0.74	0.21	0.19	CD9-1A	CD-800-1	3000
PV18-4RB-3K			0.03	0.150	#4	0.78	0.25	0.20			
PV18-6RNB-3K			0.03	0.150	#6	0.75	0.23	0.19			
PV18-6RB-3K			0.03	0.150	#6	0.78	0.25	0.20			
PV18-8RB-3K			0.03	0.150	#8	0.86	0.31	0.25			
PV18-10RB-3K			0.03	0.150	#10	0.86	0.31	0.25			
PV18-14RB-3K			0.03	0.150	1/4"	1.06	0.45	0.38			
PV18-56RB-2K			0.03	0.150	5/16"	1.06	0.46	0.38	CD9-1B	CD-800-1	2000
PV18-38RB-2K			0.03	0.150	3/8"	1.15	0.53	0.43			
PV14-4RB-3K	16 – 14 AWG	Blue	0.03	0.170	#4	0.76	0.25	0.22	CD9-2A	CD-800-2	3000
PV14-6RNB-3K			0.03	0.170	#6	0.76	0.25	0.22			
PV14-6RB-3K			0.03	0.170	#6	0.86	0.31	0.25			
PV14-8RB-3K			0.03	0.170	#8	0.86	0.31	0.25			
PV14-10RB-3K			0.03	0.170	#10	0.86	0.31	0.25			
PV14-14RB-3K			0.03	0.170	1/4"	1.05	0.45	0.38			
PV14-56RB-2K			0.03	0.170	5/16"	1.06	0.46	0.38	CD9-2B	CD-800-2	2000
PV14-38RB-2K			0.03	0.170	3/8"	1.15	0.53	0.43			
PV10-6RB-2K	12 – 10 AWG	Yellow	0.04	0.225	#6	1.02	0.31	0.31	CD9-3B	CD-800-3	2000
PV10-8RB-2K			0.04	0.225	#8	1.02	0.31	0.31			
PV10-10RB-2K			0.04	0.225	#10	1.02	0.31	0.31			
PV10-14RB-2K			0.04	0.225	1/4"	1.20	0.52	0.38			
PV10-56RB-2K			0.04	0.225	5/16"	1.20	0.52	0.38			
PV10-38RB-2K			0.04	0.225	3/8"	1.23	0.58	0.43			

Ring Terminals, Nylon Insulated – Heavy Duty

Type PN-HDR

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Manufactured from stock 56% thicker than a standard #16 – 14 AWG terminal for use in heavy duty application
- Ring tongue design assures a secure connection in high vibration applications
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B

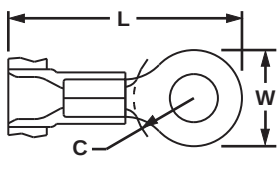


Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
PN12-6HDR-2K	16 – 12 AWG	Yellow	0.05	0.225	#6	1.02	0.31	0.31	CD9-3B	CD-800-3	2000
PN12-8HDR-2K			0.05	0.225	#8	1.02	0.31	0.31			
PN12-10HDR-2K			0.05	0.225	#10	1.05	0.38	0.31			
PN12-14HDR-2K			0.05	0.225	1/4"	1.20	0.52	0.38			
PN12-56HDR-2K			0.05	0.225	5/16"	1.20	0.52	0.38			
PN12-38HDR-2K			0.05	0.225	3/8"	1.28	0.58	0.38			

Ring Terminals, Vinyl Insulated – Heavy Duty

Type PV-HDRB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Manufactured from stock 56% thicker than a standard #16 – 14 AWG terminal for use in heavy-duty applications
- Ring tongue design assures a secure connection in high vibration applications
- Insulation support helps to prevent wire damage in bending applications
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up 600 V per UL 486A/B



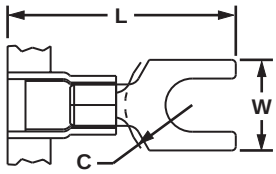
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
PV12-6HDRB-2K	16 – 12 AWG	Yellow	0.05	0.225	#6	1.03	0.31	0.36	CD9-3B	CD-800-3	2000
PV12-8HDRB-2K			0.05	0.225	#8	1.03	0.31	0.36			
PV12-10HDRB-2K			0.05	0.225	#10	1.06	0.37	0.36			
PV12-14HDRB-2K			0.05	0.225	1/4"	1.23	0.52	0.43			
PV12-56HDRB-2K			0.05	0.225	5/16"	1.23	0.52	0.43			
PV12-38HDRB-2K			0.05	0.225	3/8"	1.30	0.58	0.38			

Order number of pieces required, in multiples of Standard Package Quantity.

Fork Terminals, Nylon Insulated – Non-Funnel Entry

Type PN-F

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Fork design provides for fast and easy installation, without the need to remove fastener
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B

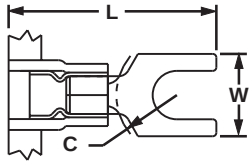


Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
PN18-6FN-3K	22 – 18 AWG	Red	0.03	0.145	#6	0.78	0.25	0.20	CD9-1A	CD-800-1	3000
PN18-6F-3K			0.03	0.145	#6	0.78	0.30	0.20			
PN18-8F-3K			0.03	0.145	#8	0.84	0.32	0.23			
PN18-10FN-3K			0.03	0.145	#10	0.86	0.31	0.25			
PN18-10F-3K			0.03	0.145	#10	0.86	0.35	0.25			
PN18-14F-3K			0.03	0.145	1/4"	1.03	0.44	0.33			
PN14-6FN-3K	16 – 14 AWG	Blue	0.03	0.162	#6	0.78	0.24	0.19	CD9-2A	CD-800-2	3000
PN14-6F-3K			0.03	0.162	#6	0.78	0.28	0.19			
PN14-8F-3K			0.03	0.162	#8	0.84	0.31	0.23			
PN14-10FN-3K			0.03	0.162	#10	0.86	0.31	0.24			
PN14-10F-3K			0.03	0.162	#10	0.86	0.34	0.24			
PN14-14F-3K			0.03	0.162	1/4"	1.03	0.44	0.32			
PN10-6F-2K	12 – 10 AWG	Yellow	0.04	0.225	#6	1.00	0.31	0.24	CD9-3B	CD-800-3	2000
PN10-8F-2K			0.04	0.225	#8	1.03	0.37	0.24			
PN10-10F-2K			0.04	0.225	#10	1.04	0.37	0.24			
PN10-14F-2K			0.04	0.225	1/4"	1.14	0.49	0.32			

Fork Terminals, Nylon Insulated – Funnel Entry

Type PNF-F

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Fork design provides for fast and easy installation, without the need to remove fastener
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



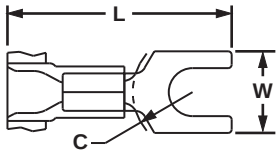
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
PNF18-6F-3K	22 – 18 AWG	Red	0.03	0.145	#6	0.77	0.30	0.19	CD9-1A	CD-800-1	3000
PNF18-6FN-3K			0.03	0.145	#6	0.78	0.24	0.19			
PNF18-8F-3K			0.03	0.145	#8	0.83	0.32	0.22			
PNF18-10F-3K			0.03	0.145	#10	0.85	0.35	0.24			
PNF18-14F-3K			0.03	0.145	1/4"	1.02	0.44	0.33			
PNF14-6FN-3K	16 – 14 AWG	Blue	0.03	0.162	#6	0.78	0.24	0.19	CD9-2A	CD-800-2	3000
PNF14-6F-3K			0.03	0.162	#6	0.78	0.28	0.19			
PNF14-8F-3K			0.03	0.162	#8	0.84	0.31	0.23			
PNF14-10F-3K			0.03	0.162	#10	0.86	0.34	0.24			
PNF14-14F-3K			0.03	0.162	1/4"	1.03	0.44	0.32			
PNF10-6F-2K	12 – 10 AWG	Yellow	0.04	0.225	#6	1.01	0.31	0.24	CD9-3B	CD-800-3	2000
PNF10-8F-2K			0.04	0.225	#8	1.02	0.37	0.24			
PNF10-14F-2K			0.04	0.225	1/4"	1.13	0.49	0.32			

Order number of pieces required, in multiples of Standard Package Quantity.

Fork Terminals, Vinyl Insulated – Funnel Entry

Type PV-FB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Fork design provides for fast and easy installation, without the need to remove fastener
- Insulation support helps to prevent wire damage in bending applications
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up 600 V per UL 486A/B



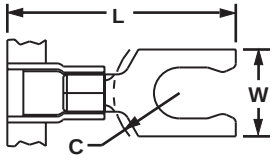
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
PV18-6FB-3K	22 – 18 AWG	Red	0.03	0.150	#6	0.78	0.30	0.20	CD9-1A	CD-800-1	3000
PV18-6FNB-3K			0.03	0.150	#6	0.78	0.25	0.20			
PV18-8FB-3K			0.03	0.150	#8	0.84	0.32	0.23			
PV18-10FB-3K			0.03	0.150	#10	0.86	0.35	0.25			
PV18-14FB-3K			0.03	0.150	1/4"	1.03	0.44	0.33			
PV14-6FB-3K	16 – 14 AWG	Blue	0.03	0.170	#6	0.78	0.24	0.19	CD9-2A	CD-800-2	3000
PV14-6FNB-3K			0.03	0.170	#6	0.78	0.28	0.19			
PV14-8FB-3K			0.03	0.170	#8	0.84	0.31	0.23			
PV14-10FB-3K			0.03	0.170	#10	0.86	0.34	0.24			
PV14-10FNB-3K			0.03	0.170	#10	0.86	0.31	0.24			
PV14-14FB-3K			0.03	0.170	1/4"	1.03	0.44	0.32			
PV10-6FB-2K	12 – 10 AWG	Yellow	0.04	0.225	#6	0.99	0.31	0.22	CD9-3B	CD-800-3	2000
PV10-8FB-2K			0.04	0.225	#8	1.00	0.38	0.22			
PV10-10FB-2K			0.04	0.225	#10	1.04	0.38	0.22			
PV10-14FB-2K			0.04	0.225	1/4"	1.13	0.49	0.32			

Locking Fork Terminals, Nylon Insulated – Non-Funnel Entry

LISTED CERTIFIED

Type PN-LF

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Snap in place for secure connection
- Fork design provides for fast and easy installation, without the need to remove fastener
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
PN18-6LF-3K	22 – 18 AWG	Red	0.03	0.145	#6	0.82	0.27	0.19	CD9-1A	CD-800-1	3000
PN18-8LF-3K			0.03	0.145	#8	0.89	0.29	0.23			
PN18-10LF-3K			0.03	0.145	#10	0.89	0.33	0.23			
PN14-6LF-3K	16 – 14 AWG	Blue	0.03	0.162	#6	0.85	0.25	0.18	CD9-2A	CD-800-2	3000
PN14-8LF-3K			0.03	0.162	#8	0.92	0.29	0.23			
PN14-10LF-3K			0.03	0.162	#10	0.92	0.33	0.23			
PN10-6LF-2K	12 – 10 AWG	Yellow	0.04	0.225	#6	1.02	0.30	0.21	CD9-3B	CD-800-3	2000
PN10-8LF-2K			0.04	0.225	#8	1.05	0.30	0.21			
PN10-10LF-2K			0.04	0.225	#10	1.05	0.34	0.21			

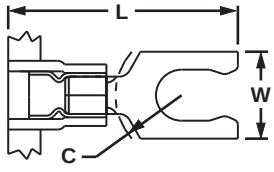
Order number of pieces required, in multiples of Standard Package Quantity.

Locking Fork Terminals, Nylon Insulated – Funnel Entry

LISTED CERTIFIED

Type PNF-LF

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Snap in place for secure connection
- Fork design provides for fast and easy installation, without the need to remove fastener
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



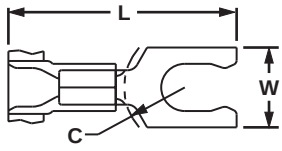
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
PNF18-6LF-3K	22 – 18 AWG	Red	0.03	0.145	#6	0.85	0.27	0.19	CD9-1A	CD-800-1	3000
PNF18-6LFW-3K			0.03	0.145	#6	0.85	0.29	0.19			
PNF18-8LF-3K			0.03	0.145	#8	0.89	0.29	0.23			
PNF18-10LF-3K			0.03	0.145	#10	0.89	0.33	0.23			
PNF14-6LF-3K	16 – 14 AWG	Blue	0.03	0.162	#6	0.85	0.25	0.18	CD9-2A	CD-800-2	3000
PNF14-8LF-3K			0.03	0.162	#6	0.92	0.29	0.23			
PNF14-10LFN-3K			0.03	0.162	#8	0.92	0.28	0.23			
PNF14-10LF-3K			0.03	0.162	#10	0.92	0.33	0.23			
PNF10-6LF-2K	12 – 10 AWG	Yellow	0.04	0.225	#6	1.02	0.30	0.21	CD9-3B	CD-800-3	2000
PNF10-8LF-2K			0.04	0.225	#8	1.05	0.30	0.21			
PNF10-10LF-2K			0.04	0.225	#10	1.05	0.34	0.21			
PNF10-14LF-2K			0.04	0.225	1/4"	1.19	0.46	0.32			

Locking Fork Terminals, Vinyl Insulated – Funnel Entry

LISTED CERTIFIED

Type PV-LFB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Snap in place for secure connection
- Fork design provides for fast and easy installation, without the need to remove fastener
- Insulation support helps to prevent wire damage in bending applications
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated to 600 V per UL 486A/B



Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
PV18-6LFB-3K	22 – 18 AWG	Red	0.03	0.150	#6	0.80	0.27	0.19	CD9-1A	CD-800-1	3000
PV18-6LFWB-3K			0.03	0.150	#6	0.83	0.29	0.19			
PV18-8LFB-3K			0.03	0.150	#8	0.87	0.29	0.23			
PV18-10LFNB-3K*			0.03	0.150	#10	0.87	0.29	0.23			
PV18-10LFB-3K			0.03	0.150	#10	0.87	0.33	0.23			
PV14-6LFB-3K	16 – 14 AWG	Blue	0.03	0.170	#6	0.85	0.25	0.18	CD9-2A	CD-800-2	3000
PV14-6LFWB-3K			0.03	0.170	#6	0.85	0.29	0.18			
PV14-8LFB-3K			0.03	0.170	#8	0.92	0.29	0.23			
PV14-10LFB-3K			0.03	0.170	#10	0.92	0.33	0.23			
PV10-6LFB-2K	12 – 10 AWG	Yellow	0.04	0.225	#6	1.02	0.30	0.21	CD9-3B	CD-800-3	2000
PV10-8LFB-2K			0.04	0.225	#8	1.04	0.30	0.21			
PV10-10LFB-2K			0.04	0.225	#10	1.04	0.34	0.21			
PV10-14LFB-2K			0.04	0.225	1/4"	1.16	0.46	0.32			

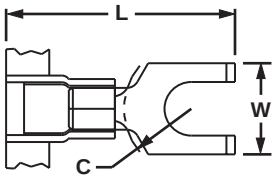
*Not UL Listed or CSA Certified.

Order number of pieces required, in multiples of Standard Package Quantity.

Flanged Fork Terminals, Nylon Insulated – Non-Funnel Entry

Type PN-FF

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Flange design provides extra secure connection on a variety of applications
- Fork design provides for fast and easy installation, without the need to remove fastener
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B

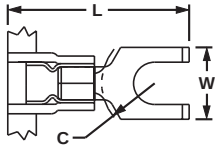


Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
PN18-6FF-3K	22 – 18 AWG	Red	0.03	0.136	#6	0.80	0.28	0.19	CD9-1A	CD-800-1	3000
PN18-8FF-3K			0.03	0.136	#8	0.87	0.31	0.23			
PN18-10FF-3K			0.03	0.136	#10	0.87	0.35	0.23			
PN14-6FF-3K	16 – 14 AWG	Blue	0.03	0.162	#6	0.80	0.28	0.19	CD9-2A	CD-800-2	3000
PN14-8FF-3K			0.03	0.162	#8	0.87	0.31	0.23			
PN14-10FF-3K			0.03	0.162	#10	0.87	0.35	0.23			
PN10-8FF-2K	12 – 10 AWG	Yellow	0.04	0.225	#8	1.05	0.38	0.22	CD9-3B	CD-800-3	2000
PN10-10FF-2K			0.04	0.225	#10	1.05	0.38	0.22			

Flanged Fork Terminals, Nylon Insulated – Funnel Entry

Type PNF-FF

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Flange design provides extra secure connection on a variety of applications
- Fork design provides for fast and easy installation, without the need to remove fastener
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B

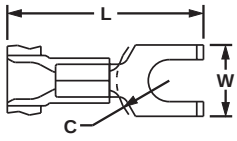


Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
PNF18-6FF-3K	22 – 18 AWG	Red	0.03	0.145	#6	0.80	0.28	0.19	CD9-1A	CD-800-1	3000
PNF18-8FF-3K			0.03	0.145	#8	0.87	0.31	0.23			
PNF18-10FF-3K			0.03	0.145	#10	0.86	0.35	0.23			
PNF14-6FF-3K	16 – 14 AWG	Blue	0.03	0.162	#6	0.80	0.28	0.19	CD9-2A	CD-800-2	3000
PNF14-8FF-3K			0.03	0.162	#8	0.87	0.31	0.23			
PNF14-10FF-3K			0.03	0.162	#10	0.87	0.35	0.23			
PNF10-8FF-2K	12 – 10 AWG	Yellow	0.04	0.225	#8	1.05	0.38	0.24	CD9-3B	CD-800-3	2000
PNF10-10FF-2K			0.04	0.225	#10	1.05	0.38	0.24			

Flanged Fork Terminals, Vinyl Insulated – Funnel Entry

Type PV-FFB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Flange design provides extra secure connection on a variety of applications
- Fork design provides for fast and easy installation, without the need to remove fastener
- Insulation support helps to prevent wire damage in bending applications
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up 600 V per UL 486A/B

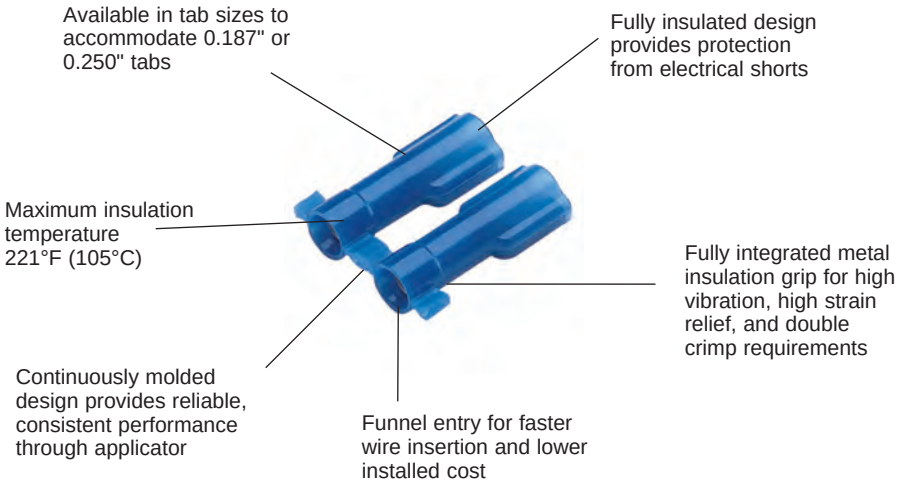


Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
PV18-6FFB-3K	22 – 18 AWG	Red	0.03	0.150	#6	0.80	0.28	0.19	CD9-1A	CD-800-1	3000
PV18-8FFB-3K			0.03	0.150	#8	0.87	0.31	0.23			
PV18-10FFB-3K			0.03	0.150	#10	0.86	0.35	0.23			
PV14-6FFB-3K	16 – 14 AWG	Blue	0.03	0.170	#6	0.80	0.28	0.19	CD9-2A	CD-800-2	3000
PV14-8FFB-3K			0.03	0.170	#8	0.87	0.31	0.23			
PV14-10FFB-3K			0.03	0.170	#10	0.87	0.35	0.23			
PV10-8FFB-2K	12 – 10 AWG	Yellow	0.04	0.225	#8	1.03	0.37	0.22	CD9-3B	CD-800-3	2000
PV10-10FFB-2K			0.04	0.225	#10	1.03	0.37	0.22			

Order number of pieces required, in multiples of Standard Package Quantity.

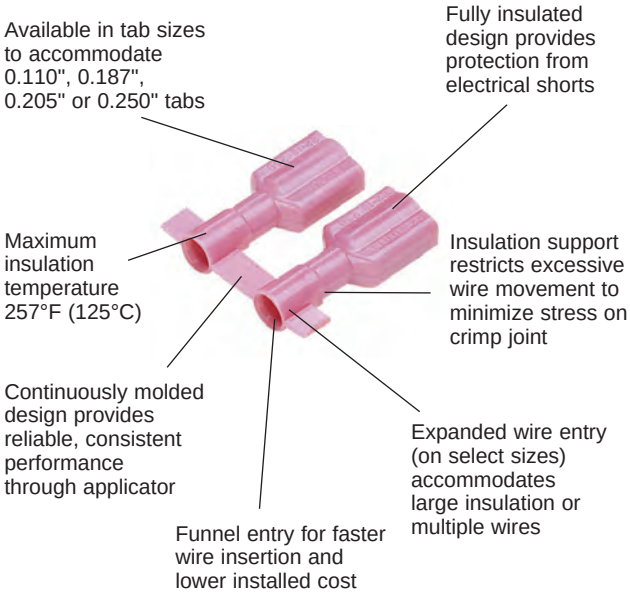
Features and Benefits – Reel Smart™ Disconnects

Supra-Grip™ Nylon Fully Insulated Funnel Entry, Female Receptacle Type DNG-FB



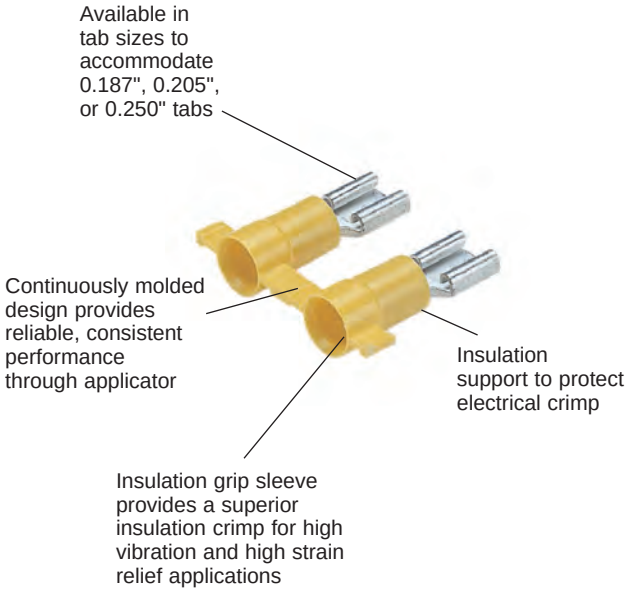
UL and CSA Rated up to 600 V per UL 310.
Flammability UL 94 HB.

Standard and Premium Nylon Fully Insulated, Funnel Entry, Females Receptacles and Male Tabs Type DPF



UL and CSA Rated up to 600 V per UL 310.
Flammability UL 94V-2.

Vinyl Barrel Insulated Funnel Entry, Female Receptacles and Male Tabs Type DV



UL and CSA Rated up to 600 V.
Flammability UL 94V-0.

Part Number System for Reel Smart™ Disconnects

D	NF	14	—	250	FIB	3K
Type	Insulation	Wire Range		Size and Type	Special Configuration	Std. Pkg. Size

Type

D = Disconnects

Insulation

- NF = Nylon Funnel Entry
- NG = Nylon Funnel Entry Metal Insulation Grip
- NFR = Nylon Funnel Entry Right Angle
- PF = Premium Grade Nylon (Double Crimp)
- V = Vinyl

Wire Range

- 18 = #22 – 18
- 14 = #16 – 14
- 10 = #12 – 10

Size and Type

- 110 = 0.110 x 0.032 tab size
- 111 = 0.110 x 0.020 tab size
- 187 = 0.187 x 0.032 tab size
- 188 = 0.187 x 0.020 tab size
- 205 = 0.187/0.205 x 0.032 tab size
- 206 = 0.187/0.205 x 0.020 tab size
- 250 = 0.250 x 0.032 tab size

0.187/0.205: Expandable receptacle will accept male tabs from 0.187" to 0.205" widths in 0.032" or 0.020" thick styles. Fully reliable connection through all widths.

Special Configuration

- B = Butted seam
- C = Compression tab
- FB = Metal insulation grip, female
- FIB = Fully insulated, butted seam, female
- FIBX = Fully insulated, butted seam, female, expanded wire entry
- FIM = Fully insulated male
- FIMB = Fully insulated, male, oversized housing
- FIMX = Fully insulated, male, expanded wire entry
- M = Male
- MB = Male butted seam

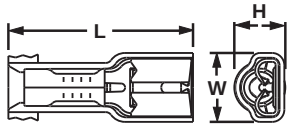
Std. Pkg. Size

- K = 1,000
- KD = 1,500
- 2K = 2,000
- 3K = 3,000

Supra-Grip™ Female Disconnects, Nylon Fully Insulated – Funnel Entry

Type DNG-FB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Flared barrel extension integrated into stamping to provide insulation grip for double crimp requirements
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher-quality connection
- Mates with DNF-FIMB family
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



Part Number	Wire Range	Color Code	Max Ins. (In.)	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
DNG18-187FB-3K	22 – 18 AWG	Red	0.126	0.89	0.29	0.22	0.187 x 0.032	4.8 x 0.8	CD9-15A	CD-800-15	3000
DNG18-188FB-3K			0.126	0.89	0.29	0.22	0.187 x 0.020	4.8 x 0.5			
DNG18-250FB-3K			0.126	0.93	0.35	0.23	0.250 x 0.032	6.3 x 0.8			
DNG14-187FB-3K*	16 – 14 AWG	Blue	0.153	0.89	0.29	0.25	0.187 x 0.032	4.8 x 0.8	CD9-16A	CD-800-16	
DNG14-188FB-3K			0.153	0.89	0.29	0.25	0.187 x 0.020	4.8 x 0.5			
DNG14-250FB-3K			0.153	0.93	0.35	0.25	0.250 x 0.032	6.3 x 0.8			

*UL Recognized for copper alloy tabs only.

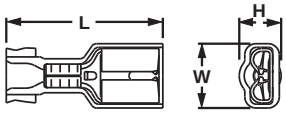
Order number of pieces required, in multiples of Standard Package Quantity.

LISTED CERTIFIED

Female Disconnects, Nylon Fully Insulated – Funnel Entry

Type DNF-FIB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Fully insulated design provides protection from electrical shorts
- Disconnects available in common industry tab sizes
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



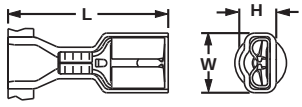
Part Number	Wire Range	Color Code	Max Ins. (In.)	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
DNF18-110FIB-3K*	22 – 18 AWG	Red	0.120	0.71	0.19	0.15	0.110 x 0.032	2.8 x 0.8	CD9-7A	CD-800-7	3000
DNF18-111FIB-3K*			0.120	0.71	0.19	0.15	0.110 x 0.020	2.8 x 0.5			
DNF18-112FIB-3K*		Natural	0.120	0.71	0.19	0.15	0.110 x 0.010	2.8 x 0.3			
DNF18-187FIB-3K		Red	0.136	0.78	0.29	0.16	0.187 x 0.032	4.8 x 0.8	CD9-4A	CD-800-4	3000
DNF18-188FIB-3K			0.136	0.78	0.29	0.16	0.187 x 0.020	4.8 x 0.5			
DNF18-205FIB-3K			0.136	0.78	0.31	0.22	0.187/0.205 x 0.032	4.8/5.2 x 0.8			
DNF18-206FIB-3K			0.136	0.78	0.31	0.22	0.187/0.205 x 0.020	4.8/5.2 x 0.5			
DNF18-250FIB-3K**			0.136	0.84	0.35	0.22	0.250 x 0.032	6.3 x 0.8			
DNF14-187FIB-3K	16 – 14 AWG	Blue	0.160	0.78	0.29	0.18	0.187 x 0.032	4.8 x 0.8	CD9-5A	CD-800-5	3000
DNF14-188FIB-3K			0.160	0.78	0.29	0.18	0.187 x 0.020	4.8 x 0.5			
DNF14-205FIB-3K			0.160	0.78	0.31	0.22	0.187/0.205 x 0.032	4.8/5.2 x 0.8			
DNF14-206FIB-3K			0.160	0.78	0.31	0.22	0.187/0.205 x 0.020	4.8/5.2 x 0.5			
DNF14-250FIB-3K			0.160	0.84	0.35	0.22	0.250 x 0.032	6.3 x 0.8			
DNF10-250FIB-2K	12 – 10 AWG	Yellow	0.220	0.96	0.35	0.23	0.250 x 0.032	6.3 x 0.8	CD9-13B	CD-800-13	2000
DNF10250FIBC-2K‡			0.220	0.96	0.35	0.23	0.250 x 0.032	6.4 x 0.8			

*UL/CSA standards do not exist for 0.110" x 0.010" receptacles.
**UL with 17 AWG wire.
‡Compressor tab disconnect to fit 0.250" tabs with a post style support.

Disco™ Female Disconnects, Nylon Fully Insulated – Expanded Wire Entry

Type DNF-FIBX

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Expanded wire entry designed to accommodate wire with a larger insulation thickness
- Fully insulated design provides protection from electrical shorts
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310

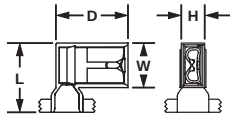


Part Number	Wire Range	Color Code	Max Ins. (In.)	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
DNF18205FIBX-2K	22 – 18 AWG	Red	0.210	0.87	0.31	0.22	0.187/0.205 x 0.032	4.8/5.2 x 0.8	CD9-6B	CD-800-6	2000
DNF18206FIBX-2K			0.210	0.87	0.31	0.22	0.187/0.205 x 0.020	4.8/5.2 x 0.5			
DNF18250FIBX-2K			0.210	0.93	0.35	0.22	0.250 x 0.032	6.3 x 0.8			
DNF14205FIBX-2K	16 – 14 AWG	Blue	0.240	0.87	0.31	0.22	0.187/0.205 x 0.032	4.8/5.2 x 0.8	CD9-8B	CD-800-8	
DNF14206FIBX-2K			0.240	0.87	0.31	0.22	0.187/0.205 x 0.020	4.8/5.2 x 0.5			
DNF14250FIBX-2K			0.240	0.93	0.35	0.22	0.250 x 0.032	6.3 x 0.8			

Disco™ Female Disconnects, Nylon Fully Insulated – Right Angle

Type DNFR-FIB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Right angle design for use in limited space applications
- Fully insulated design provides protection from electrical shorts
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



Part Number	Wire Range	Color Code	Max Ins. (In.)	Figure Dimensions (In.)				Tab Size		CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H	D	In.	mm			
DNFR18205FIB-KD	22 – 18 AWG	Red	0.178	0.57	0.37	0.21	0.60	0.187/0.205 x 0.032	4.8/5.2 x 0.8	CD9-9C	CD-800-9	1500
DNFR18206FIB-KD			0.178	0.57	0.37	0.21	0.60	0.187/0.205 x 0.020	4.8/5.2 x 0.5			
DNFR18250FIB-KD			0.178	0.57	0.37	0.21	0.60	0.250 x 0.032	6.3 x 0.8			
DNFR14205FIB-KD	16 – 14 AWG	Blue	0.178	0.57	0.37	0.21	0.60	0.187/0.205 x 0.032	4.8/5.2 x 0.8			
DNFR14206FIB-KD			0.178	0.57	0.37	0.21	0.60	0.187/0.205 x 0.020	4.8/5.2 x 0.5			
DNFR14250FIB-KD			0.178	0.57	0.37	0.21	0.60	0.250 x 0.032	6.3 x 0.8			

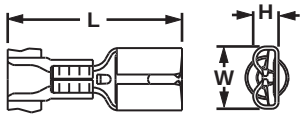
Order number of pieces required, in multiples of Standard Package Quantity.

LISTED CERTIFIED

Disco™ Female Disconnects, Vinyl Barrel Insulated – Funnel Entry

Type DV-B

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



Part Number	Wire Range	Color Code	Max Ins. (In.)	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
DV18-187B-3K	22 – 18 AWG	Red	0.150	0.77	0.23	0.10	0.187 x 0.032	4.8 x 0.8	CD9-1A	CD-800-1	3000
DV18-188B-3K			0.150	0.77	0.23	0.09	0.187 x 0.020	4.8 x 0.5			
DV18-205B-3K			0.150	0.77	0.25	0.12	0.187/0.205 x 0.032	4.8/5.2 x 0.8			
DV18-206B-3K			0.150	0.77	0.25	0.11	0.187/0.205 x 0.020	4.8/5.2 x 0.5			
DV18-250B-3K			0.150	0.83	0.29	0.12	0.250 x 0.032	6.3 x 0.8			
DV14-187B-3K	16 – 14 AWG	Blue	0.170	0.77	0.23	0.10	0.187 x 0.032	4.8 x 0.8	CD9-2A	CD-800-2	3000
DV14-188B-3K			0.170	0.77	0.23	0.09	0.187 x 0.020	4.8 x 0.5			
DV14-205B-3K			0.170	0.77	0.25	0.12	0.187/0.205 x 0.032	4.8/5.2 x 0.8			
DV14-206B-3K			0.170	0.77	0.25	0.11	0.187/0.205 x 0.020	4.5/5.2 x 0.5			
DV14-250B-3K			0.170	0.83	0.29	0.12	0.250 x 0.032	6.3 x 0.8			
DV10-250-2K*	12 – 10 AWG	Yellow	0.230	0.95	0.29	0.12	0.250 x 0.032	6.3 x 0.8	CD9-3B	CD-800-3	2000
DV10-250C-2K‡**			0.230	0.95	0.29	0.12	0.250 x 0.032	6.4 x 0.8			

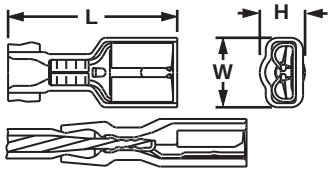
*Not UL Listed or CSA Certified.
**UL Recognized and CSA Certified.
‡Compression tab disconnect to fit 0.250" tabs with a post style support.

DiscoGrip™ Female Disconnects, Fully Insulated

LISTED CERTIFIED

Type DPF-FIB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Premium nylon insulation retains its shape when crimped and provides a tight grip around the wire insulation for maximum strain relief
- Fully insulated design provides protection from electrical shorts
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- Maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



Cross section of DiscoGrip™ Crimp showing insulation crimp of the wire insulation.

Part Number	Wire Range	Color Code	Max Ins. (In.)	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
DPF18-110FIB-3K	22 – 18 AWG	Red	0.132	0.71	0.19	0.17	0.110 x 0.032	2.8 x 0.8	CD9-12A	CD-800-12	3000
DPF18-111FIB-3K			0.132	0.71	0.19	0.17	0.110 x 0.020	2.8 x 0.5			
DPF18-187FIB-3K			0.136	0.78	0.29	0.16	0.187 x 0.032	4.8 x 0.8	CD9-10A	CD-800-10	3000
DPF18-188FIB-3K			0.136	0.78	0.29	0.16	0.187 x 0.020	4.8 x 0.5			
DPF18-205FIB-3K			0.136	0.78	0.31	0.22	0.187/0.205 x 0.032	4.8/5.2 x 0.8			
DPF18-206FIB-3K			0.136	0.78	0.31	0.22	0.187/0.205 x 0.020	4.8/5.2 x 0.5			
DPF18-250FIB-3K			0.136	0.84	0.35	0.22	0.250 x 0.032	6.3 x 0.8			
DPF14-187FIB-3K	16 – 14 AWG	Blue	0.160	0.78	0.29	0.18	0.187 x 0.032	4.8 x 0.8	CD9-11A	CD-800-11	3000
DPF14-205FIB-3K			0.160	0.78	0.31	0.22	0.187/0.205 x 0.032	4.8/5.2 x 0.8			
DPF14-206FIB-3K			0.160	0.78	0.31	0.22	0.187/0.205 x 0.020	4.8/5.2 x 0.5			
DPF14-250FIB-3K			0.160	0.84	0.35	0.22	0.250 x 0.032	6.3 x 0.8			
DPF10-250FIB-2K	12 – 10 AWG	Yellow	0.220	0.96	0.35	0.23	0.250 x 0.032	6.3 x 0.8	CD9-13B	CD-800-13	2000

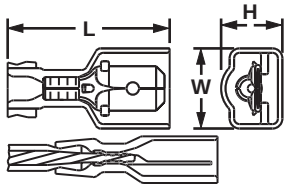
Order number of pieces required, in multiples of Standard Package Quantity.

DiscoGrip™ Male Disconnects, Fully Insulated

LISTED CERTIFIED

Type DPF-FIM

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Fully insulated design provides protection from electrical shorts
- Premium nylon insulation retains its shape when crimped and provides a tight grip around the wire insulation for maximum strain relief
- Oversized housing designed for maximum versatility to mate with most commercially available fully insulated female disconnects
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- Maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



Cross section of DiscoGrip™ Crimp showing insulation crimp of the wire insulation.

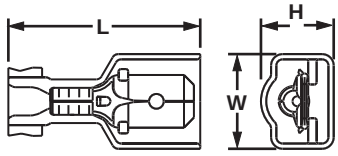
Part Number	Wire Range	Color Code	Max Ins. (In.)	Figure Dimensions (In.) L	W	P	Tab Size In.	mm	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
Standard Housing											
DPF18-250FIM-2K	22 – 18 AWG	Red	0.133	0.90	0.41	0.29	0.250 x 0.032	6.3 x 0.8	CD9-10B	CD-800-10	2000
DPF14-250FIM-2K	16 – 14 AWG	Blue	0.156	0.90	0.41	0.29			CD9-11B	CD-800-11	
Oversized Housing											
DPF18-250FIMB-K*	22 – 18 AWG	Red	0.133	0.92	0.46	0.34	0.250 x 0.032	6.3 x 0.8	CD9-10B	CD-800-10	1000
DPF14-250FIMB-K*	16 – 14 AWG	Blue	0.156	0.92	0.46	0.34			CD9-11B	CD-800-11	

*To mate with other manufacturers' fully insulated 0.250 x 0.032 female receptacles.

Disco™ Male Disconnects, Nylon Fully Insulated – Funnel Entry

Type DNF-FIM

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Male tab couples with (all 0.250 x 0.032) female disconnects
- Fully insulated design provides protection from electrical shorts
- Male tab can be inserted and removed from the female disconnect without the use of tools for lower installed cost
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



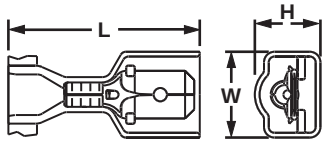
Part Number	Wire Range	Color Code	Max Ins. (In.)	Figure Dimensions (In.) L	W	P	Tab Size In.	mm	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
Standard Housing											
DNF18-250FIM-2K	22 – 18 AWG	Red	0.133	0.90	0.42	0.30	0.250 x 0.032	6.3 x 0.8	CD9-4B	CD-800-4	2000
DNF14-250FIM-2K	16 – 14 AWG	Blue	0.158	0.90	0.42	0.30			CD9-5B	CD-800-5	
Oversized Housing											
DNF18-250FIMB-K*	22 – 18 AWG	Red	0.135	0.91	0.45	0.34	0.250 x 0.032	6.3 x 0.8	CD9-4B	CD-800-4	1000
DNF14-250FIMB-K*	16 – 14 AWG	Blue	0.160	0.91	0.46	0.34			CD9-5B	CD-800-5	
DNF10-250FIMB-K	12 – 10 AWG	Yellow	0.220	0.96	0.45	0.36			CD9-18B	CD-800-18	

*To mate with other manufacturers' fully insulated 0.250 x 0.032 female receptacles.

Disco™ Male Disconnects, Nylon Fully Insulated – Expanded Wire Entry

Type DNF-FIMX

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Expanded wire entry designed to accommodate wire with a larger insulation thickness
- Male tab couples with (all 0.250 x 0.032) female disconnects
- Fully insulated design provides protection from electrical shorts
- Male tab can be inserted and removed from the female disconnect without the use of tools for lower installed cost
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



Part Number	Wire Range	Color Code	Max Ins. (In.)	Figure Dimensions (In.) L	W	H	Tab Size In.	mm	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
DNF18250FIMX-2K*	22 – 18 AWG	Red	0.244	0.97	0.41	0.29	0.250 x 0.032	6.3 x 0.8	CD9-8B	CD-800-8	2000
DNF14250FIMX-2K**	16 – 14 AWG	Blue									

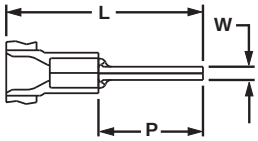
*CSA Certified for use with (2) #18 AWG, (2) #20 AWG, or (2) #22 AWG wires.
**CSA Certified for use with (2) #16 AWG or (2) #18 AWG wires.

Order number of pieces required, in multiples of Standard Package Quantity.

Pin Terminals, Vinyl Insulated – Funnel Entry

Type PV-PB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Solid pin designed to prevent damage to the wire from over tightening, resulting in a reliable electrical connection
- For use with pin-type terminal blocks
- Insulation support helps to prevent wire damage in bending applications
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- UL rated up to 600 V per UL 486A/B

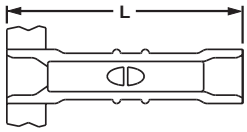


Part Number	Wire Range	Color Code	Max Ins. (In.)	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	P			
PV18-P47B-3K	22 – 18 AWG	Red	0.150	0.90	0.07	0.49	CD9-1A	CD-800-1	3000
PV14-P47B-3K	16 – 14 AWG	Blue	0.170				CD9-2A	CD-800-2	

Butt Splices Nylon Insulated and Premium Grade Nylon

Type BSN, BSP

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Designed to splice two solid or stranded wires together to repair or lengthen wires
- Butted configuration provides low profile for limited space applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal wire stop assures proper length of insertion into terminal barrel
- Premium grade nylon insulation available for applications requiring a tighter grip around the wire insulation for maximum strain relief
- UL Flammability UL 94HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486C

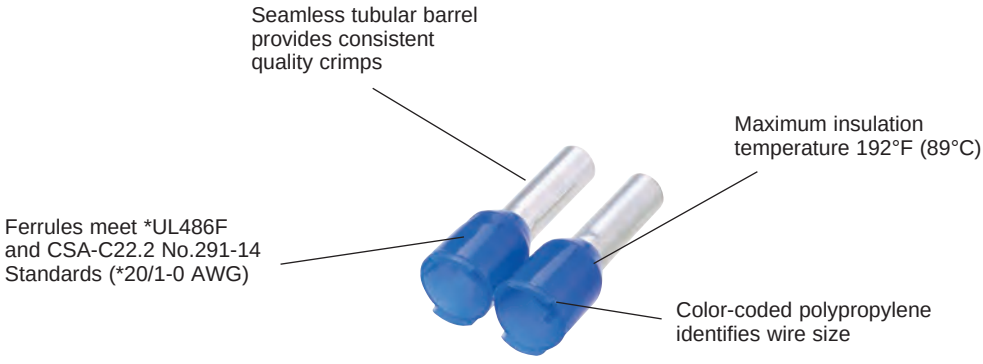


Part Number	Wire Range	Color Code	Max Ins. (In.)	Figure Dimensions (In.)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L			
BSN18-3K	22 – 16 AWG	Red	0.150	0.95	CD9-1A	CD-800-1	3000
BSN14-3K	18 – 14 AWG	Blue	0.170	0.95	CD9-2A	CD-800-2	
BSN10-2K	12 – 10 AWG	Yellow	0.230	0.95	CD9-17B	CD-800-17	2000
BSP18-3K	22 – 16 AWG	Red	0.150	0.96	CD9-1A	CD-800-1	3000
BSP14-3K	18 – 14 AWG	Blue	0.170	0.96	CD9-2A	CD-800-2	

Features and Benefits – Reel Smart™ Ferrules

Panduit® ferrules are available in strips and reels for wiring applications from #20 – 14 AWG. Offerings include insulated ferrules in single wire configurations. These insulated ferrules are color-coded to DIN standards.

Insulated Ferrules – Single Wire
Type FSD



Part Number System for Reel Smart® Ferrules

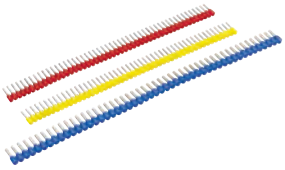
F	S	D	75	—	8	3K or DSL	10
Type	**Wire Type**	**Color Code**	**Wire Size (mm²)**		**PIN Length**	**Std. Pkg. Size**	**Color-Code Number**
F = Ferrule	S = Single	D = DIN = Standard (leave blank)				3K = 3,000 2KD = 2500 KD = 1500 K = 1000 DSL = 500 DK = 500	0 = Black 2 = Red 6 = Blue 8 = Gray 10 = White

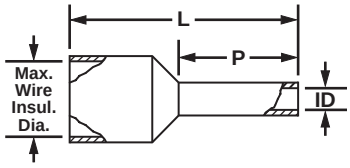
Order number of pieces required, in multiples of Standard Package Quantity.

Insulated Ferrules on Strips – Single Wire

Type FS

- Polypropylene insulation housing available in DIN standard colors in strips of 50
- UI determines the continuously molded design provides consistent placement of ferrules in tool to ensure fast, reliable terminations
- Available in #20 – 14 AWG featuring a seamless barrel design to contain loose wire strands for superior terminations
- Designed for use with the Semiautomatic Ferrule Crimping Tool CT-1000 for medium volume applications



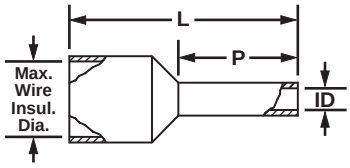


Part Number	Wire Size		Color	Max. Wire Ins. Dia.		Figure Dimensions						Wire Strip Length		Recommended Installation Tool	Std. Pkg. Qty.
						L		P		ID					
	AWG	mm2		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.		
DIN End Sleeves:															
FSD75-8-DSL10	22- 20 AWG	0.50	White	0.10	2.6	0.60	15.2	0.31	8.0	0.04	1.0	13/32	10.0	CT-1000	500
FSD76-8-DSL8	18 AWG	0.75	Gray	0.11	2.7	0.60	15.2	0.31	8.0	0.06	1.5	13/32	10.0		
FSD77-8-DSL2	–	1.00	Red	0.12	3.0	0.60	15.2	0.31	8.0	0.07	1.8	13/32	10.0		
FSD78-8-DSL0	16 AWG	1.50	Black	0.13	3.2	0.60	15.2	0.31	8.0	0.09	2.3	13/32	10.0		
FSD80-8-DSL6	14 AWG	2.50	Blue	0.16	4.0	0.60	15.2	0.31	8.0	0.09	2.3	13/32	10.0		

Insulated Ferrules on Reels – Single Wire and Mini Reels

Type FS

- Polypropylene insulation housing available in DIN standard colors in reels of 500 - 3000
- Designed specifically for use with the Ferrule Applicator APM-MSRP1516JMD for high volume applications
- Continuously molded design provides consistent placement of ferrules in applicator to ensure fast, reliable terminations
- Available in #20 – 14 AWG featuring a seamless barrel design to contain loose wire strands for superior terminations



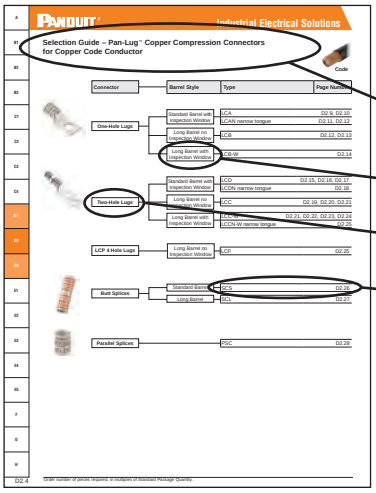
Part Number	Wire Size		Color	Max. Wire Ins. Dia.		Figure Dimensions						Wire Strip Length		APM-MRSP1516JMD Applicator Funnel Required	***SCA-712022002 (CA10) Applicator	CP-881 Inserts	Pieces per Reel
						L		P		ID							
	AWG	mm²		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.				
DIN End Sleeves:																	
FSD75-8-3K10	20 AWG	0.5	White	0.09	2.4	0.57	14.5	0.31	8	0.04	1.1	13/32	10.0	APM-K008701	SCA-712022005WE (CD10-1)	White	3000
FSD76-8-3K8	18 AWG	0.75	Gray	0.1	2.6	0.57	14.5	0.31	8	0.05	1.3	13/32	10.0	APM-K008175		Gray	
FSD77-8-3K2	–	1	Red	0.11	2.8	0.57	14.5	0.31	8	0.06	1.5	13/32	10.0	APM-K006667	SCA-712022006WE (CD10-2)	Red	
FSD78-8-2KD0	16 AWG	1.5	Black	0.13	3.2	0.57	14.5	0.31	8	0.07	1.8	13/32	10.0			Black	2500
FSD80-8-KD6	14 AWG	2.5	Blue	0.15	3.9	0.57	14.5	31	8	0.09	2.3	13/32	10.0	APM-K008585	SCA-712022007WE (CD10-3)	Blue	1500

***SCA-712022002 (CA10 applicator) is no longer available. However, compatible dies are available.

Part Number	Wire Size		Color	Max. Wire Ins. Dia.		Figure Dimensions						Wire Strip Length		Recommended Installation Tool	Pieces per Reel
						L		P		ID					
	AWG	mm²		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.		
Mini Reels															
FSD75-8-K	20 AWG	0.5	White	0.09	2.4	0.57	14.5	0.31	8	0.04	1.1	13/32	10.0	CP-881	1000
FSD76-8-K	18 AWG	0.75	Gray	0.1	2.6	0.57	14.5	0.31	8	0.05	1.3	13/32	10.0		
FSD77-8-K	–	1	Red	0.11	2.8	0.57	14.5	0.31	8	0.06	1.5	13/32	10.0		
FSD78-8-K	16 AWG	1.5	Black	0.13	3.2	0.57	14.5	0.31	8	0.07	1.8	13/32	10.0		
FSD80-8-DK	14 AWG	2.5	Blue	0.15	3.9	0.57	14.5	31	8	0.09	2.3	13/32	10.0	CP-881	500

Order number of pieces required, in multiples of Standard Package Quantity.

Compression Connector Reference Information



Selection Guide

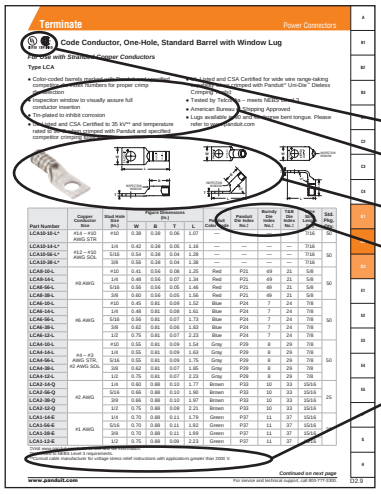
- Provides a quick and easy method to select the proper connector to meet the specific application requirements

Conductor Type

Barrel Style

Stud Hole Configuration

Product Type and Page Number



Product Page

- Includes all necessary information for part identification and selection

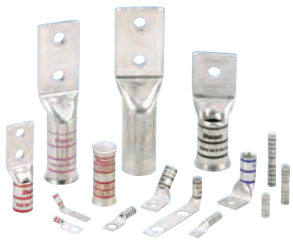
Agency Listings

Features and Benefits

Full Color Photo and 2-View Drawing

Panduit and Competitor Die Information

Page Reference for Panduit and Competitor Installation Tooling and Die Selection Charts



Compression Connectors

Panduit® Pan-Lug™ Compression Connectors provide permanent terminations for a variety of power and grounding applications, with innovation, highest reliability, and lowest installed cost. Panduit offers the first and only copper compression lugs and splices that meet Network Equipment-Building Systems (NEBS) Level 3 requirements as tested by Telcordia Technologies. NEBS Level 3 assures that product performance is suitable for equipment applications that demand minimal service interruptions over the life span of the equipment.

- **Functional product information is marked directly on the connector, facilitating the identification, ordering, and usage of the compression connector**
- **Color-coded to facilitate quick identification of the proper crimping die**
- **Made from high strength, high conductivity electrolytic copper and aluminum alloy materials to provide optimum connectivity for power and grounding applications**
- **UL Listed or Recognized, CSA Certified, ABS Type Approved and tested by Telcordia – meets NEBS Level 3, as noted**
- **Terminations using Panduit® Pan-Lug™ Compression Connectors are also UL Listed and CSA Certified with specified competitor tools**
- **Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost**

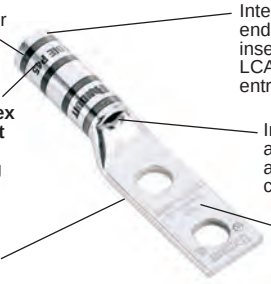
Panduit® Pan-Lug™ Compression Connectors are designed for use with many different code and flex conductor types and are available in a broad range of styles and sizes including copper one-hole, two-hole, and blank tongue lugs and splices; aluminum one-hole and two-hole lugs and splices; and copper in-line reducing splices. Panduit offers a wide assortment of Pan-Lug™ Power Connectors to meet customer needs and today's application requirements.

Order number of pieces required, in multiples of Standard Package Quantity.

Features and Benefits – Pan-Lug™ Compression Connectors

Bolded features are unique to Panduit.

Copper Lugs



Color-coded bands for proper die selection and crimp placement

Easy-to-read, color-coded die index numbers for Panduit and specified competitor crimping dies for selection

Made from seamless, high conductivity copper tubing and electro tin-plated and burnished to inhibit corrosion

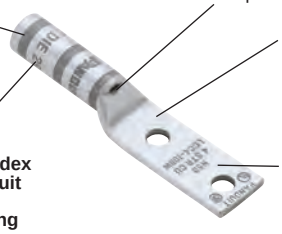
Internally beveled barrel end for easy conductor insertion (types LCCF and LCAF available with flared entry for flex conductor)

Inspection windows available to assure complete conductor insertion

Part number, stud size, and conductor size marked on part for easy identification

UL LISTED CSA CERTIFIED

Flex Lugs



Color-coded bands for proper die selection and crimp placement

Easy-to-read, color-coded die index numbers for Panduit and specified competitor crimping dies for selection

Inspection window to assure complete conductor insertion

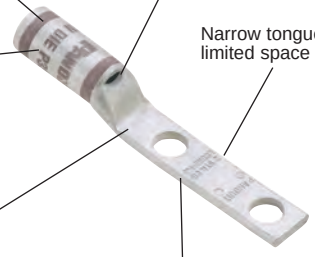
Made from seamless, high conductivity copper tubing and electro tin-plated and burnished to inhibit corrosion

Product information marked on part for easy identification

Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive

UL LISTED CSA CERTIFIED

Narrow Tongue Lugs



Color-coded bands for proper die selection and crimp placement

Easy-to-read, color-coded die index numbers for Panduit and specified competitor crimping dies for selection

Made from seamless, high conductivity copper tubing and electro tin-plated and burnished to inhibit corrosion

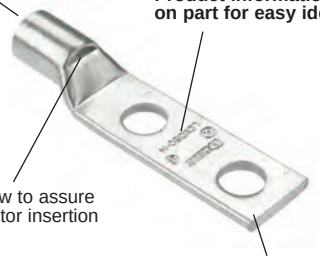
Inspection window to assure complete conductor insertion

Narrow tongue width for limited space applications

Product information marked on part for easy identification

UL LISTED CSA CERTIFIED

Copper Metric Lugs



Internally beveled barrel ends for easy conductor insertion

Product information marked on part for easy identification

Inspection window to assure complete conductor insertion

Made from 99.9% pure copper for high quality connection and tin-plated to inhibit corrosion

UL LISTED CSA CERTIFIED

Copper Parallel Splice

Chamfered on both ends for fast and easy conductor insertion

Made from seamless, high conductivity copper tubing and electro tin-plated and burnished to inhibit corrosion

Largest part marking in the industry – easier to read in low light conditions

Intuitive part numbering for fast and accurate part selection in the field

Industry recognized color-coding for selection

UL LISTED CSA CERTIFIED

Aluminum Lugs

Easy-to-read die index numbers for Panduit and specified competitor crimping dies for selection

Part number and conductor size marked on part for easy identification

Made from seamless wrought aluminum and electro tin-plated to inhibit corrosion

Crimping areas marked on part for proper crimp placement

Factory pre-filled with oxide inhibitor to prevent oxidation

c UL us LISTED

Compression connector crimping tools speed installation and reduce total installed cost. Visit www.panduit.com/tools.

Panduit designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.
See pages E1.1 – E2.29.

Heat shrink tubing provides an economical and easy way to insulate, protect, harness and color code electrical and electronic components.
See pages C3.20 – C3.41.

Selection Guide – Pan-Lug™ Copper Compression Connectors for Copper Code Conductor

Code

Connector	Barrel Style	Type	Page Number
 One-Hole Lugs	Standard Barrel with Inspection Window	LCA	D2.9, D2.10
		LCAN narrow tongue	D2.11, D2.12
	Long Barrel no Inspection Window	LCB	D2.12, D2.13
	Long Barrel with Inspection Window	LCB-W	D2.14
 Two-Hole Lugs	Standard Barrel with Inspection Window	LCD	D2.15, D2.16, D2.17
		LCDN narrow tongue	D2.18
	Long Barrel no Inspection Window	LCC	D2.19, D2.20, D2.21
	Long Barrel with Inspection Window	LCC-W	D2.21, D2.22, D2.23, D2.24
		LCCN-W narrow tongue	D2.25
 LCP 4 Hole Lugs	Long Barrel no Inspection Window	LCP	D2.25
 Butt Splices	Standard Barrel	SCS	D2.26
	Long Barrel	SCL	D2.27
 Parallel Splices		PSC	D2.28

Order number of pieces required, in multiples of Standard Package Quantity.

Selection Guide – Pan-Lug™ Copper Compression Connectors for Copper Code and/or Flex Conductor


Code


Flex

Connector	Barrel Style	Type	Page Number
 One-Hole Lugs	Standard Barrel with Inspection Window Code and Flex	LCAX	D2.30, D2.31
		LCAXN narrow tongue	D2.32
	Long Barrel with Inspection Window Code and Flex	LCBX	D2.33, D2.34
 Two-Hole Lugs	Standard Barrel with Inspection Window Code and Flex	LCDX	D2.34, D2.35, D2.36
		LCDXN narrow tongue	D2.37
	Long Barrel with Inspection Window Code and Flex	LCCX	D2.38, D2.39
		LCCXN narrow tongue	D2.40
 Uninsulated Butt Splices		SCSX	D2.41
 Butt Splices for Code and Flex		SCSF	D2.42
 Reducing Splices with Inspection Window for Code and Flex		RSCK kits with reducing splice and clear heat shrink	D2.43, D2.44
		RSC reducing splices	D2.45, D2.46
 One-Hole Metric Lugs	Long Barrel	LCMB	D2.53, D2.54
		LCMA	D2.47, D2.48
		LCMA-H	D2.49, D2.50
		LCMA-F	D2.51, D2.52
 Two-Hole Metric Lugs		LCMD	D2.55, D2.56
	Long Barrel	LCMC	D2.57, D2.58
 Metric Splices		SCMS	D2.59

Selection Guide – Pan-Lug™ Aluminum Compression Connectors for Aluminum or Copper Code Conductor

Connector	Type	Page Number
One-Hole Lugs	LAA	D2.60, D2.61
Two-Hole Lugs	LAB	D2.61
Butt Splices	SA	D2.63
B-Metallic Pin Connectors for Aluminum Conductors Only	BPC	D2.64
Hardware		
Belleville Washers	CW	D2.62
Silicon Bronze Hardware		
SBBOLT Hex Bolts	SBBOLT	D2.102
SBNUT Hex Nuts	SBNUT	D2.103
SBFW Flat Washers	SBFW	D2.103
SBSLW Split Lockwashers	SBSLW	D2.103
SBITW Internal Tooth Lockwashers	SBITW	D2.103
Stainless Steel Hardware		
SSBOLT Hex Bolts	SSBOLT	D2.104
SSN Hex Nuts	SSN	D2.105
SSFW Flat Washers	SSFW	D2.105
SSSLW Split Lockwashers	SSSLW	D2.105
Joint Compounds	CMP	D2.62, D2.99

Order number of pieces required, in multiples of Standard Package Quantity.

Part Number System for Pan-Lug™ Compression Lugs

LCD	2/0	—	38	D	F	—	X
Type	Conductor Size		Stud Hole Size	Two Stud Hole Spacing	Tongue Angle		Standard Package Size

example:
LCD = Lug, Copper
Two-Hole
Standard Barrel

Conductor Size	Stud Hole Size	Two Stud Hole Spacing	Tongue Angle	Standard Package Size
2/0 = 2/0 AWG	10 = #10	A = 0.625"	H = 45°	1 = 1
	14 = 1/4"	B = 0.750"	F = 90°	3 = 3
	56 = 5/16"	C = 0.875"	No Letter = Straight	5 = 5
	38 = 3/8"	D = 1.0"		6 = 6
	12 = 1/2"	E = 1.25"		X = 10
	58 = 5/8"	G = 1.5"		E = 20
	34 = 3/4"	J = 0.5"		Q = 25
	78 = 7/8"	K = 2"		L = 50
	00 = Blank Tongue	M = 1.375"		C = 100
	5 = M5	P = 0.688"		
	6 = M6	Q = 1.125"		
	8 = M8	No Letter = 1.75" or 44.5mm		
	10 = M10	CD = 22.0-25.0mm		
	12 = M12			
	14 = M14			
	16 = M16			
	20 = M20			

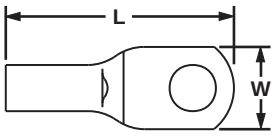
Code Conductor, One-Hole, Tubular Ring Terminal with Inspection Window

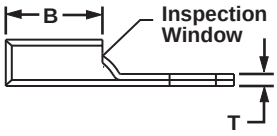
LISTED CERTIFIED

For Use with Stranded Copper Conductors

Type S-R

- Seamless tubular barrel provides a consistent high performance quality crimp
- Round double thick tongue for reliable power applications
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Inspection window allows visual inspection of proper wire insertion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with specified Panduit® crimping tools and dies
- Tin plated to inhibit corrosion





Part Number	Wire Range	Stud Hole Size	Tongue Width (In.)	Figure Dimensions (In.)			Std. Pkg. Qty.
			W	L	B	T	
S8-10R-Q	8 AWG	#10	0.41	1.10	0.40	0.08	25
S8-14R-Q		1/4"	0.48	1.20	0.40	0.07	
S8-56R-Q		5/16"	0.60	1.30	0.40	0.05	
S8-38R-Q		3/8"	0.60	1.40	0.40	0.05	
S6-10R-E	6 AWG	#10	0.45	1.20	0.48	0.09	20
S6-14R-E		1/4"	0.48	1.30	0.48	0.08	
S6-56R-E		5/16"	0.56	1.40	0.48	0.07	
S6-38R-E		3/8"	0.62	1.50	0.48	0.06	
S4-10R-E	4 AWG	#10	0.55	1.20	0.48	0.09	20
S4-14R-E		1/4"	0.55	1.30	0.48	0.09	
S4-56R-E		5/16"	0.55	1.40	0.48	0.09	
S4-38R-E		3/8"	0.62	1.50	0.48	0.07	
S2-10R-X	1 – 2 AWG	#10	0.70	1.60	0.48	0.11	10
S2-14R-X		1/4"	0.70	1.60	0.59	0.11	
S2-56R-X		5/16"	0.70	1.70	0.59	0.11	
S2-38R-X		3/8"	0.70	1.70	0.59	0.11	
S2-12R-X		1/2"	0.79	1.90	0.59	0.09	
S1/0-14R-X	1/0 AWG	1/4"	0.76	1.60	0.58	0.12	10
S1/0-56R-X		5/16"	0.76	1.70	0.58	0.12	
S1/0-38R-X		3/8"	0.76	1.70	0.58	0.12	
S1/0-12R-X		1/2"	0.82	1.90	0.58	0.12	
S2/0-14R-X	2/0 AWG	1/4"	0.85	1.90	0.66	0.13	10
S2/0-56R-X		5/16"	0.85	1.90	0.66	0.13	
S2/0-38R-X		3/8"	0.85	1.90	0.66	0.13	
S2/0-76R-X		7/16"	0.85	2.10	0.83	0.13	
S2/0-12R-X		1/2"	0.85	2.10	0.83	0.13	
S3/0-14R-5	3/0 AWG	1/4"	0.96	2.10	0.83	0.13	5
S3/0-56R-5		5/16"	0.96	2.10	0.83	0.13	
S3/0-38R-5		3/8"	0.96	2.10	0.83	0.13	
S3/0-76R-5		7/16"	0.96	2.30	0.91	0.13	
S3/0-12R-5		1/2"	0.96	2.30	0.91	0.13	
S4/0-56R-5	4/0 AWG	5/16"	1.06	2.30	0.91	0.14	5
S4/0-38R-5		3/8"	1.06	2.30	0.91	0.14	
S4/0-76R-5		7/16"	1.06	2.50	0.91	0.14	
S4/0-12R-5		1/2"	1.06	2.50	0.91	0.14	
S250-56R-5	250 kcmil	5/16"	1.17	2.50	1.01	0.14	5
S250-38R-5		3/8"	1.17	2.50	1.01	0.14	
S250-76R-5		7/16"	1.17	2.60	1.01	0.14	
S250-12R-5		1/2"	1.17	2.60	1.01	0.14	

For crimping tool information, visit www.panduit.com/tools.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

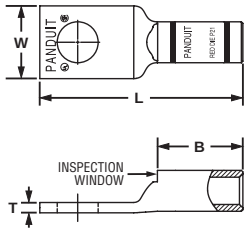
Order number of pieces required, in multiples of Standard Package Quantity.

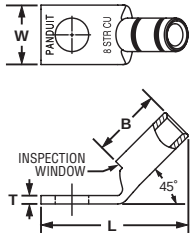
Code Conductor, One-Hole, Standard Barrel with Window Lug

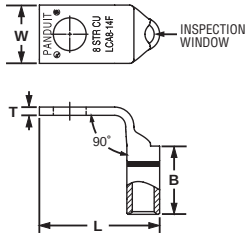
For Use with Stranded Copper Conductors

Type LCA

- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping Approved
- Lugs available in 90 and 45 degree bent tongue. Please refer to www.panduit.com







Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCA10-10-L*	#14 – #10 AWG STR	#10	0.38	0.38	0.06	1.07	—	—	—	—	7/16	50
LCA10-14-L*	#12 – #10 AWG SOL	1/4	0.42	0.38	0.05	1.16	—	—	—	—	7/16	50
LCA10-56-L*		5/16	0.54	0.38	0.04	1.28	—	—	—	—	7/16	
LCA10-38-L*		3/8	0.56	0.38	0.04	1.38	—	—	—	—	7/16	
LCA8-10-L	#8 AWG	#10	0.41	0.56	0.08	1.25	Red	P21	49	21	5/8	50
LCA8-14-L		1/4	0.48	0.56	0.07	1.34	Red	P21	49	21	5/8	
LCA8-56-L		5/16	0.56	0.56	0.05	1.46	Red	P21	49	21	5/8	
LCA8-38-L		3/8	0.60	0.56	0.05	1.56	Red	P21	49	21	5/8	
LCA6-10-L	#6 AWG	#10	0.45	0.81	0.09	1.52	Blue	P24	7	24	7/8	50
LCA6-14-L		1/4	0.48	0.81	0.08	1.61	Blue	P24	7	24	7/8	
LCA6-56-L		5/16	0.56	0.81	0.07	1.73	Blue	P24	7	24	7/8	
LCA6-38-L		3/8	0.62	0.81	0.06	1.83	Blue	P24	7	24	7/8	
LCA6-12-L		1/2	0.75	0.81	0.07	2.23	Blue	P24	7	24	7/8	
LCA4-10-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.55	0.81	0.09	1.54	Gray	P29	8	29	7/8	50
LCA4-14-L		1/4	0.55	0.81	0.09	1.63	Gray	P29	8	29	7/8	
LCA4-56-L		5/16	0.55	0.81	0.09	1.75	Gray	P29	8	29	7/8	
LCA4-38-L		3/8	0.62	0.81	0.07	1.85	Gray	P29	8	29	7/8	
LCA4-12-L		1/2	0.75	0.81	0.07	2.23	Gray	P29	8	29	7/8	
LCA2-14-Q	#2 AWG	1/4	0.60	0.88	0.10	1.77	Brown	P33	10	33	15/16	25
LCA2-56-Q		5/16	0.66	0.88	0.10	1.90	Brown	P33	10	33	15/16	
LCA2-38-Q		3/8	0.66	0.88	0.10	1.97	Brown	P33	10	33	15/16	
LCA2-12-Q		1/2	0.75	0.88	0.08	2.21	Brown	P33	10	33	15/16	
LCA1-14-E	#1 AWG	1/4	0.70	0.88	0.11	1.79	Green	P37	11	37	15/16	20
LCA1-56-E		5/16	0.70	0.88	0.11	1.92	Green	P37	11	37	15/16	
LCA1-38-E		3/8	0.70	0.88	0.11	1.99	Green	P37	11	37	15/16	
LCA1-12-E		1/2	0.75	0.88	0.09	2.23	Green	P37	11	37	15/16	

‡Visit www.panduit.com/tools for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Continued on next page

Code Conductor, One-Hole, Standard Barrel with Window Lug (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCA1/0-14-X	1/0 AWG	1/4	0.76	0.94	0.12	1.95	Pink	P42	12	42	1	10
LCA1/0-56-X		5/16	0.76	0.94	0.12	2.00						
LCA1/0-38-X		3/8	0.76	0.94	0.12	2.08						
LCA1/0-12-X		1/2	0.80	0.94	0.12	2.31						
LCA2/0-14-X	2/0 AWG	1/4	0.85	0.98	0.13	2.09	Black	P45	13	45	1 1/16	10
LCA2/0-56-X		5/16	0.85	0.98	0.13	2.09						
LCA2/0-38-X		3/8	0.85	0.98	0.13	2.15						
LCA2/0-12-X		1/2	0.85	0.98	0.13	2.40						
LCA3/0-14-X	3/0 AWG	1/4	0.96	1.14	0.13	2.28	Orange	P50	14	50	1 3/16	10
LCA3/0-56-X		5/16	0.96	1.14	0.13	2.28						
LCA3/0-38-X		3/8	0.96	1.14	0.13	2.34						
LCA3/0-12-X		1/2	0.96	1.14	0.13	2.59						
LCA4/0-14-X	4/0 AWG	1/4	1.06	1.19	0.14	2.36	Purple	P54	15	54	1 1/4	10
LCA4/0-56-X		5/16	1.06	1.19	0.14	2.38						
LCA4/0-38-X		3/8	1.06	1.19	0.14	2.45						
LCA4/0-12-X		1/2	1.06	1.19	0.14	2.68						
LCA250-14-X	250 kcmil	1/4	1.17	1.25	0.14	2.47	Yellow	P62	16	62	1 5/16	10
LCA250-56-X		5/16	1.17	1.25	0.14	2.48						
LCA250-38-X		3/8	1.17	1.25	0.14	2.55						
LCA250-12-X		1/2	1.17	1.25	0.14	2.78						
LCA300-56-X	300 kcmil	5/16	1.19	1.44	0.16	2.94	White	P66	17	66	1 1/2	10
LCA300-38-X		3/8	1.19	1.44	0.16	2.94						
LCA300-12-X		1/2	1.19	1.44	0.16	3.05						
LCA300-58-X		5/8	1.19	1.44	0.16	3.26						
LCA300-78-X		7/8	1.19	1.44	0.16	3.70						
LCA350-38-X	350 kcmil	3/8	1.28	1.44	0.17	2.98	Red	P71	18	71	1 1/2	10
LCA350-12-X		1/2	1.28	1.44	0.17	3.09						
LCA350-58-X		5/8	1.28	1.44	0.17	3.30						
LCA350-78-X		7/8	1.28	1.44	0.17	3.74						
LCA400-38-6	400 kcmil	3/8	1.39	1.50	0.18	3.22	Blue	P76	19	76	1 9/16	6
LCA400-12-6		1/2	1.39	1.50	0.18	3.22						
LCA400-58-6		5/8	1.39	1.50	0.18	3.43						
LCA400-78-6		7/8	1.39	1.50	0.18	3.82						
LCA500-38-6	500 kcmil	3/8	1.54	1.75	0.22	3.39	Brown	P87	20	87	1 13/16	6
LCA500-12-6		1/2	1.54	1.75	0.22	3.55						
LCA500-58-6		5/8	1.54	1.75	0.22	3.76						
LCA500-34-6		3/4	1.54	1.75	0.22	3.90						
LCA500-78-6		7/8	1.54	1.75	0.22	4.15						
LCA500-1-6		1	1.54	1.75	0.22	4.27						
LCA600-12-6	600 kcmil	1/2	1.70	1.75	0.26	4.20	Green	P94	22	94	1 13/16	6
LCA600-58-6		5/8	1.70	1.75	0.26	4.20						
LCA600-78-6		7/8	1.70	1.75	0.26	4.20						
LCA750-38-6	750 kcmil	3/8	1.89	1.88	0.26	3.85	Black	P106	24	106	1 15/16	6
LCA750-58-6		5/8	1.89	1.88	0.26	4.59						

‡Visit www.panduit.com/tools for tool and die information.

Order number of pieces required, in multiples of Standard Package Quantity.

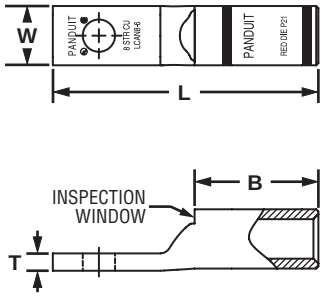
LISTED CERTIFIED

Code Conductor, One-Hole, Standard Barrel with Window, Narrow Tongue Lug

For Use with Stranded Copper Conductors

Type LCAN

- Narrow tongue width for limited space applications
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAN8-6-L	#8 AWG	#6	0.27	0.56	0.10	1.24	Red	P21	49	21	5/8	50
LCAN6-6-L	#6 AWG	#6	0.31	0.81	0.10	1.51	Blue	P24	7	24	7/8	50
LCAN4-10-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.40	0.81	0.11	1.54	Gray	P29	8	29	7/8	50
LCAN4-14-L		1/4	0.40	0.81	0.11	1.63						
LCAN2-10-Q	#2 AWG	#10	0.42	0.88	0.12	1.67	Brown	P33	10	33	15/16	25
LCAN2-14-Q		1/4	0.42	0.88	0.12	1.77						
LCAN1-10-E	#1 AWG	#10	0.47	0.88	0.11	1.69	Green	P37	11	37	15/16	20
LCAN1-14-E		1/4	0.47	0.88	0.12	1.79						
LCAN1/0-10-X	1/0 AWG	#10	0.52	0.94	0.13	1.78	Pink	P42	12	42	1	10
LCAN1/0-14-X		1/4	0.52	0.94	0.13	1.95						
LCAN1/0-56-X		5/16	0.52	0.94	0.13	2.00						
LCAN2/0-10-X	2/0 AWG	#10	0.58	0.98	0.13	1.84	Black	P45	13	45	1 1/16	10
LCAN2/0-14-X		1/4	0.58	0.98	0.14	2.09						
LCAN2/0-56-X		5/16	0.58	0.98	0.14	2.09						
LCAN2/0-38-X		3/8	0.58	0.98	0.13	2.15						
LCAN3/0-14-X	3/0 AWG	1/4	0.64	1.14	0.14	2.28	Orange	P50	14	50	1 3/16	10
LCAN3/0-56-X		5/16	0.64	1.14	0.13	2.28						
LCAN3/0-38-X		3/8	0.64	1.14	0.13	2.34						
LCAN4/0-14-X	4/0 AWG	1/4	0.71	1.19	0.14	2.36	Purple	P54	15	54	1 1/4	10
LCAN4/0-56-X		5/16	0.71	1.19	0.14	2.38						
LCAN4/0-38-X		3/8	0.71	1.19	0.15	2.45						

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Continued on next page

Code Conductor, One-Hole, Standard Barrel with Window, Narrow Tongue Lug (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.) W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCAN250-14-X	250 kcmil	1/4	0.77	1.25	0.14	2.47	Yellow	P62	16	62	1 5/16	10
LCAN250-38-X		3/8	0.77	1.25	0.15	2.55						
LCAN300-14-X	300 kcmil	1/4	0.81	1.44	0.16	2.90	White	P66	17	66	1 1/2	10
LCAN300-38-X		3/8	0.81	1.44	0.16	2.94						
LCAN350-38-X	350 kcmil	3/8	0.88	1.44	0.17	2.98	Red	P71	18	71	1 1/2	10
LCAN350-12-X		1/2	0.88	1.44	0.17	3.09						
LCAN400-38-6	400 kcmil	3/8	0.95	1.50	0.18	3.22	Blue	P76	19	76	1 9/16	6
LCAN400-12-6		1/2	0.95	1.50	0.18	3.22						
LCAN500-38-6	500 kcmil	3/8	1.06	1.75	0.23	3.39	Brown	P87	20	87	1 13/16	6
LCAN500-12-6		1/2	1.06	1.75	0.22	3.55						
LCAN600-38-6	600 kcmil	3/8	1.19	1.75	0.27	3.44	Green	P94	22	94	1 13/16	6
LCAN600-12-6		1/2	1.19	1.75	0.27	4.20						
LCAN750-38-6	750 kcmil	3/8	1.30	1.88	0.28	3.84	Black	P106	24	106	1 15/16	6
LCAN750-12-6		1/2	1.30	1.88	0.28	4.03						
LCAN750-58-6		5/8	1.30	1.88	0.28	4.59						

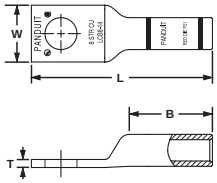
‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

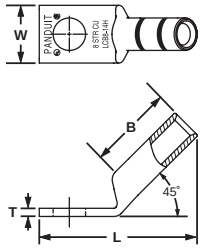
Code Conductor, One-Hole, Long Barrel Lug

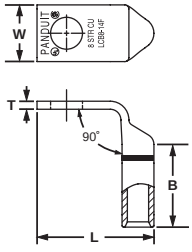
For Use with Stranded Copper Conductors

Type LCB

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- Lugs available in 90 and 45 degree bent tongue. Please refer to www.panduit.com
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping Approved







Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.) W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCB8-10-L	#8 AWG	#10	0.41	0.70	0.08	1.44	Red	P21	49	21	3/4	50
LCB8-14-L		1/4	0.48	0.70	0.07	1.53						
LCB8-38-L		3/8	0.60	0.70	0.05	1.75						
LCB6-12-L	#6 AWG	1/2	0.75	1.07	0.07	2.38	Blue	P24	7	24	1 1/8	50
LCB6-10-L	#6 AWG	#10	0.45	1.07	0.09	1.84	Blue	P24	7	24	1 1/8	50
LCB6-14-L		1/4	0.48	1.07	0.08	1.93						
LCB6-38-L		3/8	0.62	1.07	0.05	2.15						

Order number of pieces required, in multiples of Standard Package Quantity.

Code Conductor, One-Hole, Long Barrel Lug (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB4-10-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.55	1.05	0.09	1.86	Gray	P29	8	29	1 1/8	50
LCB4-14-L		1/4	0.55	1.05	0.09	1.95						
LCB4-56-L		5/16	0.62	1.05	0.07	2.13						
LCB4-38-L		3/8	0.62	1.05	0.07	2.17						
LCB4-12-L	#4 AWG	1/2	0.75	1.05	0.07	2.4	Gray	P29	8	29	1 1/8	50
LCB2-10-Q	#2 AWG	#10	0.60	1.16	0.10	2.07	Brown	P33	10	33	1 1/4	25
LCB2-14-Q		1/4	0.60	1.16	0.10	2.14						
LCB2-56-Q		5/16	0.66	1.16	0.10	2.27						
LCB2-38-Q		3/8	0.66	1.16	0.10	2.34						
LCB2-12-Q		1/2	0.75	1.16	0.08	2.58						
LCB1-10-E	#1 AWG	#10	0.70	1.36	0.11	2.30	Green	P37	11	37	1 7/16	20
LCB1-56-E		5/16	0.70	1.36	0.11	2.50						
LCB1-38-E		3/8	0.70	1.36	0.11	2.57						
LCB1-12-E		1/2	0.75	1.36	0.09	2.81						
LCB1/0-10-X	1/0 AWG	#10	0.76	1.44	0.12	2.41	Pink	P42	12	42	1 1/2	10
LCB1/0-56-X		5/16	0.76	1.44	0.12	2.61						
LCB1/0-38-X		3/8	0.76	1.44	0.12	2.69						
LCB1/0-12-X		1/2	0.80	1.44	0.12	2.92						
LCB2/0-38-X	2/0 AWG	3/8	0.85	1.50	0.13	2.82	Black	P45	13	45	1 9/16	10
LCB2/0-12-X		1/2	0.85	1.50	0.13	3.07						
LCB3/0-38-X	3/0 AWG	3/8	0.96	1.50	0.13	2.87	Orange	P50	14	50	1 9/16	10
LCB3/0-12-X		1/2	0.96	1.50	0.13	3.12						
LCB4/0-38-X	4/0 AWG	3/8	1.06	1.56	0.14	3.03	Purple	P54	15	54	1 5/8	10
LCB4/0-12-X		1/2	1.06	1.56	0.14	3.22						
LCB250-12-X	250 kcmil	1/2	1.17	1.61	0.14	3.32	Yellow	P62	16	62	1 11/16	10
LCB250-78-X		7/8	1.25	1.61	0.12	3.85						
LCB300-56-X	300 kcmil	5/16	1.19	2.24	0.16	3.95	White	P66	17	66	2 5/16	10
LCB300-38-X		3/8	1.19	2.24	0.16	3.95						
LCB300-12-X		1/2	1.19	2.24	0.16	4.06						
LCB350-12-X	350 kcmil	1/2	1.28	2.24	0.17	4.11	Red	P71	18	71	2 5/16	10
LCB350-78-X		7/8	1.28	2.24	0.17	4.78						
LCB400-38-6	400 kcmil	3/8	1.39	2.30	0.18	4.27	Blue	P76	19	76	2 3/8	6
LCB400-12-6		1/2	1.39	2.30	0.18	4.27						
LCB400-58-6		5/8	1.39	2.30	0.18	4.48						
LCB400-78-6		7/8	1.39	2.30	0.18	4.88						
LCB500-12-6	500 kcmil	1/2	1.54	2.50	0.22	4.53	Brown	P87	20	87	2 9/16	6
LCB500-58-6		5/8	1.54	2.50	0.22	4.74						
LCB500-78-6		7/8	1.54	2.50	0.22	5.13						
LCB600-12-6	600 kcmil	1/2	1.70	2.69	0.26	5.40	Green	P94	22	94	2 3/4	6
LCB600-58-6		5/8	1.70	2.69	0.26	5.40						
LCB750-58-6	750 kcmil	5/8	1.89	2.88	0.26	5.98	Black	P106	24	106	2 15/16	6
LCB750-78-6		7/8	1.89	2.88	0.26	6.07						
LCB800-58-6	800 kcmil	5/8	1.95	2.94	0.29	6.06	Orange	P107	25	107	3	6
LCB1000-58-3	1000 kcmil	5/8	2.17	3.00	0.32	6.32	White	P125	27	125	3 1/16	3

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Continued on next page

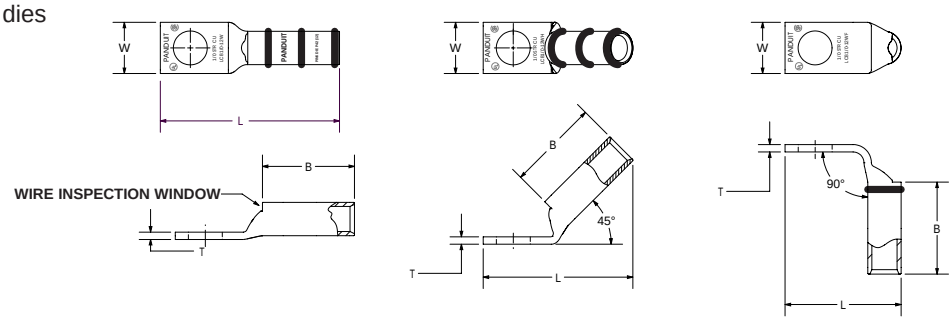
Code Conductor, One-Hole, Long Barrel with Window Lug

LISTED CERTIFIED

For Use with Stranded Copper Conductors

Type LCB-W

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB10-14W-L	#14 - #12 AWG STR. #10-#12 AWG SOL.	1/4	0.42	0.53	0.05	1.31	–	–	–	–	9/16	50
LCB6-12W-L	# 6 AWG	1/2	0.75	1.07	0.07	2.43	Blue	P24	7	24	1-1/8	
LCB4-12W-L	# 4 AWG	1/2	0.75	1.05	0.07	2.31	Gray	P29	8	29	1-1/8	
LCB2-14W-Q	# 2 AWG	1/4	0.6	1.16	0.1	2.04	Brown	P33	10	33	1-1/4	25
LCB2-38W-Q		3/8	0.66	1.16	0.1	2.24	Brown	P33	10	33	1-1/4	
LCB2-12W-Q		1/2	0.75	1.16	0.08	2.48						
LCB1-12W-E	# 1 AWG	1/2	0.75	1.36	0.09	2.7	Green	P37	11	37	1-7/16	20
LCB1/0-56W-X	1/0 AWG	5/16	0.76	1.44	0.12	2.5	Pink	P42	12	42	1-1/2	10
LCB1/0-38W-X		3/8	0.76	1.44	0.12	2.57	Pink	P42	12	42	1-1/2	
LCB1/0-12W-X		1/2	0.8	1.44	0.12	2.81						
LCB2/0-38W-X	2/0 AWG	3/8	0.85	1.5	0.13	2.67	Black	P45	13	45	1-9/16	
LCB2/0-12W-X		1/2	0.85	1.5	0.13	2.92	Black	P45	13	45	1-9/16	
LCB4/0-14W-X	4/0 AWG	1/4	1.06	1.56	0.14	2.48	Purple	P54	15	54	1-5/8	
LCB4/0-38W-X		3/8	1.06	1.56	0.14	2.85	Purple	P54	15	54	1-5/8	
LCB4/0-12W-X		1/2	1.06	1.56	0.14	3.04	Purple	P54	15	54	1-5/8	
LCB250-12W-X	250 kcmil	1/2	1.17	1.61	0.14	3.12	Yellow	P62	16	62	1-11/16	
LCB350-12W-X	350 kcmil	1/2	1.28	2.24	0.17	3.88	Red	P71	18	71	2-5/16	
LCB750-38W-6	750 kcmil	3/8	1.89	2.88	0.26	4.83	Black	P106	24	106	2-15/16	6
LCB750-12W-6		1/2	1.89	2.88	0.26	5.03						
LCB750-58W-6		5/8	1.89	2.88	0.26	5.58						
LCB750-78W-6		7/8	1.89	2.88	0.26	5.68	Black	P106	24	106	2-15/16	
LCB800-12W-6	800 kcmil	12	1.95	2.94	0.3	5.11	Orange	P107	25	107	3	
LCB800-58W-6		5/8	1.95	2.94	0.3	5.68	Orange	P107	25	107	3	
LCB1000-38W-3	1000 kcmil	3/8	2.17	3	0.32	5.08	White	P125	27	125	3-1/16	3
LCB1000-12W-3		1/2	2.17	3	0.32	5.27						
LCB1000-58W-3		5/8	2.17	3	0.32	5.92						

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Order number of pieces required, in multiples of Standard Package Quantity.

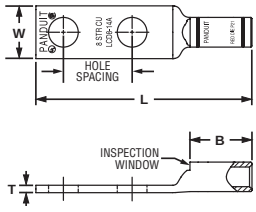
Code Conductor, Two-Hole, Standard Barrel with Window Lug

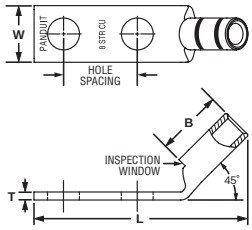
LISTED CERTIFIED

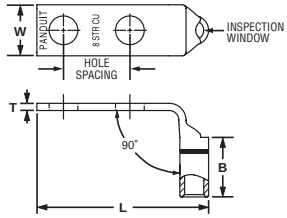
For Use with Stranded Copper Conductors

Type LCD

- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping approved
- Available with NEMA hole sizes and spacing
- Lugs available in 90 and 45 degree bent tongue. Please refer to www.panduit.com







Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCD10-10A-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	#10	0.63	0.38	0.38	0.06	1.69	—	—	—	—	7/16	50
LCD10-14A-L*		1/4	0.63	0.42	0.38	0.05	1.78						
LCD10-14B-L*		1/4	0.75	0.42	0.38	0.05	1.91						
LCD10-14D-L*		1/4	1.00	0.42	0.38	0.05	2.16						
LCD10-38D-L*		3/8	1.00	0.56	0.38	0.04	2.38						
LCD8-10A-L	#8 AWG	#10	0.63	0.41	0.56	0.08	1.88	Red	P21	49	21	5/8	50
LCD8-14A-L		1/4	0.63	0.48	0.56	0.07	1.97						
LCD8-14B-L		1/4	0.75	0.48	0.56	0.07	2.09						
LCD8-14D-L		1/4	1.00	0.48	0.56	0.07	2.34						
LCD8-38D-L		3/8	1.00	0.60	0.56	0.05	2.56						
LCD6-10A-L	#6 AWG	#10	0.63	0.46	0.81	0.08	2.15	Blue	P24	7	24	7/8	50
LCD6-10B-L		#10	0.75	0.46	0.81	0.08	2.27						
LCD6-10D-L		#10	1.00	0.46	0.81	0.08	2.52						
LCD6-14A-L		1/4	0.63	0.48	0.81	0.08	2.24						
LCD6-14B-L		1/4	0.75	0.48	0.81	0.08	2.36						
LCD6-14D-L		1/4	1.00	0.48	0.81	0.08	2.61						
LCD6-56D-L		5/16	1.00	0.56	0.81	0.07	2.73						
LCD6-38D-L		3/8	1.00	0.62	0.81	0.06	2.83						
LCD4-10A-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.63	0.55	0.81	0.09	2.17	Gray	P29	8	29	7/8	50
LCD4-10B-L		#10	0.75	0.55	0.81	0.09	2.29						
LCD4-14A-L		1/4	0.63	0.55	0.81	0.09	2.26						
LCD4-14B-L		1/4	0.75	0.55	0.81	0.09	2.38						
LCD4-14D-L		1/4	1.00	0.55	0.81	0.09	2.63						
LCD4-38D-L		3/8	1.00	0.62	0.81	0.08	2.85						
LCD4-56B-L	# 4 AWG	1/4	0.75	0.55	0.81	0.09	2.5	Gray	P29	8	29	7/8	50
LCD2-56D-Q	# 2 AWG	5/16	1	0.66	0.88	0.1	2.9	Brown	P33	10	33	15/16	25
LCD4/0-14D-X	4/0 AWG	1/4	1	1.06	1.19	0.14	3.36	Purple	P54	15	54	1-1/4	10
LCD4/0-56B-X		5/16	0.75	1.06	1.19	0.14	3.12						
LCD350-56B-X	350 kcmil	5/16	0.75	1.28	1.44	0.17	3.72	Red	P71	18	71	1-1/2	10

‡Visit www.panduit.com/tools for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Continued on next page

Code Conductor, Two-Hole, Standard Barrel with Window Lug (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCD2-14A-Q	#2 AWG	1/4	0.63	0.60	0.88	0.10	2.40	Brown	P33	10	33	15/16	25
LCD2-14B-Q		1/4	0.75	0.60	0.88	0.10	2.52						
LCD2-14D-Q		1/4	1.00	0.60	0.88	0.10	2.77						
LCD2-56B-Q		5/16	0.75	0.66	0.88	0.10	2.65						
LCD2-38D-Q		3/8	1.00	0.66	0.88	0.10	3.00						
LCD2-12-Q		1/2	1.75	0.75	0.88	0.08	4.14						
LCD1-14A-E	#1 AWG	1/4	0.63	0.70	0.88	0.11	2.42	Green	P37	11	37	15/16	20
LCD1-14B-E		1/4	0.75	0.70	0.88	0.11	2.54						
LCD1-56C-E		5/16	0.88	0.70	0.88	0.11	2.79						
LCD1-38D-E		3/8	1.00	0.70	0.88	0.11	2.99						
LCD1-12-E		1/2	1.75	0.75	0.88	0.09	4.16						
LCD1/0-14A-X	1/0 AWG	1/4	0.63	0.76	0.94	0.12	2.57	Pink	P42	12	42	1	10
LCD1/0-14B-X		1/4	0.75	0.76	0.94	0.12	2.70						
LCD1/0-56C-X		5/16	0.88	0.76	0.94	0.12	2.88						
LCD1/0-38D-X		3/8	1.00	0.76	0.94	0.12	3.08						
LCD1/0-12-X		1/2	1.75	0.80	0.94	0.12	4.25						
LCD2/0-14A-X	2/0 AWG	1/4	0.63	0.85	0.98	0.13	2.70	Black	P45	13	45	1 1/16	10
LCD2/0-14B-X		1/4	0.75	0.85	0.98	0.13	2.83						
LCD2/0-56C-X		5/16	0.88	0.85	0.98	0.13	2.95						
LCD2/0-38D-X		3/8	1.00	0.85	0.98	0.13	3.14						
LCD2/0-12-X		1/2	1.75	0.85	0.98	0.13	4.30						
LCD3/0-14B-X	3/0 AWG	1/4	0.75	0.96	1.14	0.13	3.02	Orange	P50	14	50	1 3/16	10
LCD3/0-56D-X		5/16	1.00	0.96	1.14	0.13	3.27						
LCD3/0-38D-X		3/8	1.00	0.96	1.14	0.13	3.33						
LCD3/0-12-X		1/2	1.75	0.96	1.14	0.13	4.49						
LCD4/0-14B-X	4/0 AWG	1/4	0.75	1.06	1.19	0.14	3.10	Purple	P54	15	54	1 1/4	10
LCD4/0-38D-X		3/8	1.00	1.06	1.19	0.14	3.44						
◆ LCD4/0-12-X		1/2	1.75	1.06	1.19	0.14	4.58						
LCD250-38D-X	250 kcmil	3/8	1.00	1.17	1.25	0.14	3.54	Yellow	P62	16	62	1 5/16	10
◆ LCD250-12-X		1/2	1.75	1.17	1.25	0.14	4.68						
LCD300-38D-X	300 kcmil	3/8	1.00	1.19	1.44	0.16	3.74	White	P66	17	66	1 1/2	10
◆ LCD300-12-X		1/2	1.75	1.19	1.44	0.16	4.92						
LCD350-14B-X	350 kcmil	1/4	0.75	1.28	1.44	0.17	3.30	Red	P71	18	71	1 1/2	10
LCD350-38D-X		3/8	1.00	1.28	1.44	0.17	3.78						
LCD350-12E-X		1/2	1.25	1.28	1.44	0.17	4.33						
◆ LCD350-12-X		1/2	1.75	1.28	1.44	0.17	4.96						
LCD400-38D-6	400 kcmil	3/8	1.00	1.39	1.50	0.18	3.86	Blue	P76	19	76	1 9/16	6
◆ LCD400-12-6		1/2	1.75	1.39	1.50	0.18	5.04						

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆ NEMA hole sizes and spacing

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Code Conductor, Two-Hole, Standard Barrel with Window Lug (continued)

	Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCD500-14B-6	500 kcmil	1/4	0.75	1.54	1.75	0.22	3.71	Brown	P87	20	87	1 13/16	6
	LCD500-38D-6		3/8	1.00	1.54	1.75	0.22	4.19						
	LCD500-12E-6		1/2	1.25	1.54	1.75	0.22	4.74						
◆	LCD500-12-6		1/2	1.75	1.54	1.75	0.22	5.37						
	LCD600-38D-6	600 kcmil	3/8	1.00	1.70	1.75	0.26	4.24	Green	P94	22	94	1 13/16	6
◆	LCD600-12-6		1/2	1.75	1.70	1.75	0.26	5.42						
	LCD750-38D-6	750 kcmil	3/8	1.00	1.89	1.88	0.26	4.71	Black	P106	24	106	1 15/16	6
◆	LCD750-12-6		1/2	1.75	1.89	1.88	0.26	5.65						
	LCD750-58G-6		5/8	1.50	1.89	1.88	0.26	5.46						
◆	LCD1000-12-3	1000 kcmil	1/2	1.75	2.17	1.88	0.32	5.77	White	P125	27	125	1 15/16	3
	LCD1000-12E-3		1/2	1.25	2.17	1.88	0.32	5.27						

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆ NEMA hole sizes and spacing

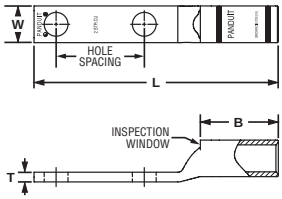
Code Conductor, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug

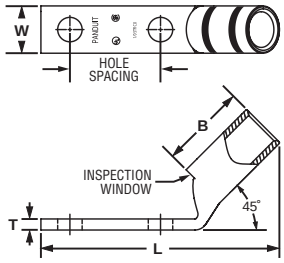
c UL us LISTED CSA CERTIFIED

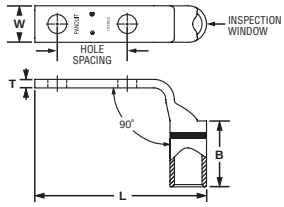
For Use with Stranded Copper Conductors

Type LCDN

- Narrow tongue width for limited space applications
- Color-coded barrels marked with Panduit® and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Lugs available in 90 and 45 degree bent tongue. Please refer to www.panduit.com







Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCDN2-10B-Q	#2 AWG	#10	0.75	0.42	0.88	0.11	2.43	Brown	P33	10	33	15/16	25
LCDN2-14A-Q		1/4	0.63	0.42	0.88	0.12	2.40						
LCDN2-14B-Q		1/4	0.75	0.42	0.88	0.11	2.52						
LCDN2-14D-Q		1/4	1.00	0.42	0.88	0.11	2.77						
LCDN1-14B-E	#1 AWG	1/4	0.75	0.47	0.88	0.11	2.54	Green	P37	11	37	15/16	20
LCDN1/0-14D-X	1/0 AWG	1/4	1.00	0.52	0.94	0.13	2.95	Pink	P42	12	42	1	10
LCDN1/0-56D-X		5/16	1.00	0.52	0.94	0.13	3.00						
LCDN2/0-14A-X	2/0 AWG	1/4	0.63	0.58	0.98	0.14	2.71	Black	P45	13	45	1 1/16	10
LCDN2/0-14D-X		1/4	1.00	0.58	0.98	0.13	3.09						
LCDN2/0-56A-X		5/16	0.63	0.58	0.98	0.13	2.71						
LCDN2/0-56D-X		5/16	1.00	0.58	0.98	0.13	3.09						
LCDN350-38D-X	350 kcmil	3/8	1.00	0.88	1.44	0.17	3.79	Red	P71	18	71	1 1/2	10
LCDN500-38D-6	500 kcmil	3/8	1.00	1.06	1.75	0.22	4.20	Brown	P87	20	87	1 13/16	6
LCDN500-12D-6		1/2	1.00	1.06	1.75	0.22	4.63						
LCDN750-38D-6	750 kcmil	3/8	1.00	1.30	1.88	0.26	4.72	Black	P106	24	106	1 15/16	6

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Order number of pieces required, in multiples of Standard Package Quantity.

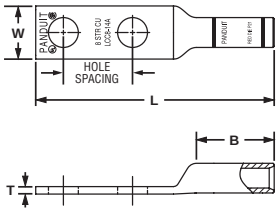
LISTED CERTIFIED

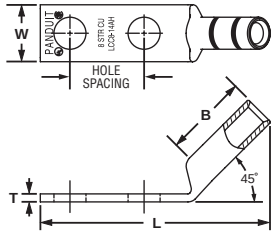
Code Conductor, Two-Hole, Long Barrel Lug

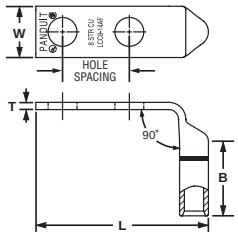
For Use with Stranded Copper Conductors

Type LCC

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping approved
- Lugs available in 90 and 45 degree bent tongue. Please refer to www.panduit.com







Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCC8-10A-L	#8 AWG	#10	0.63	0.41	0.70	0.08	2.07	Red	P21	49	21	3/4	50
LCC8-14A-L		1/4	0.63	0.48	0.70	0.07	2.16						
LCC8-14B-L		1/4	0.75	0.48	0.70	0.07	2.28						
LCC8-14D-L		1/4	1.00	0.48	0.70	0.07	2.53						
LCC8-38D-L		3/8	1.00	0.60	0.70	0.05	2.75						
LCC6-10A-L	#6 AWG	#10	0.63	0.46	1.07	0.08	2.47	Blue	P24	7	24	1 1/8	50
LCC6-14A-L		1/4	0.63	0.48	1.07	0.08	2.56						
LCC6-14B-L		1/4	0.75	0.48	1.07	0.08	2.68						
LCC6-14D-L		1/4	1.00	0.48	1.07	0.08	2.93						
LCC6-38D-L		3/8	1.00	0.62	1.07	0.06	3.15						
LCC6-12-L		1/2	1.75	0.75	1.07	0.07	4.04						
LCC4-14A-L	#4 – #3 AWG STR, #2 AWG SOL	1/4	0.63	0.55	1.05	0.09	2.58	Gray	P29	8	29	1 1/8	50
LCC4-14B-L		1/4	0.75	0.55	1.05	0.09	2.70						
LCC4-38D-L		3/8	1.00	0.62	1.05	0.08	3.17						
LCC4-12-L		1/2	1.75	0.75	1.05	0.07	4.09						
LCC2-14A-Q	#2 AWG	1/4	0.63	0.60	1.16	0.10	2.77	Brown	P33	10	33	1 1/4	25
LCC2-14B-Q		1/4	0.75	0.60	1.16	0.10	2.89						
LCC2-56B-Q		5/16	0.75	0.66	1.16	0.10	3.02						
LCC2-56C-Q		5/16	0.88	0.66	1.16	0.10	3.14						
LCC2-38D-Q		3/8	1.00	0.66	1.16	0.10	3.34						
LCC2-38-Q		3/8	1.75	0.66	1.16	0.10	4.09						
LCC2-12-Q		1/2	1.75	0.75	1.16	0.08	4.51						
LCC1-14A-E	#1 AWG	1/4	0.63	0.70	1.36	0.11	3.00	Green	P37	11	37	1 7/16	20
LCC1-14B-E		1/4	0.75	0.70	1.36	0.11	3.12						

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
♦NEMA hole sizes and spacing.

Continued on next page

LISTED CERTIFIED

Code Conductor, Two-Hole, Long Barrel Lug (continued)

	Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCC1-56B-E	#1 AWG	5/16	0.75	0.70	1.36	0.11	3.25	Green	P37	11	37	1 7/16	20
	LCC1-56C-E		5/16	0.88	0.70	1.36	0.11	3.37						
	LCC1-38D-E		3/8	1.00	0.70	1.36	0.11	3.57						
	LCC1-12-E		1/2	1.75	0.75	1.36	0.09	4.74						
	LCC1/0-14A-X	1/0 AWG	1/4	0.63	0.76	1.44	0.12	3.18	Pink	P42	12	42	1 1/2	10
	LCC1/0-14B-X		1/4	0.75	0.76	1.44	0.12	3.31						
	LCC1/0-56C-X		5/16	0.88	0.76	1.44	0.12	3.49						
	LCC1/0-56D-X		5/16	1.00	0.76	1.44	0.12	3.61						
	LCC1/0-38D-X		3/8	1.00	0.76	1.44	0.12	3.69						
	LCC1/0-12D-X		1/2	1.00	0.80	1.44	0.12	3.95						
	LCC1/0-12-X		1/2	1.75	0.80	1.44	0.12	4.86						
	LCC2/0-14A-X	2/0 AWG	1/4	0.63	0.85	1.50	0.13	3.38	Black	P45	13	45	1 9/16	10
	LCC2/0-14B-X		1/4	0.75	0.85	1.50	0.13	3.51						
	LCC2/0-56D-X		5/16	1.00	0.85	1.50	0.13	3.76						
	LCC2/0-38D-X		3/8	1.00	0.85	1.50	0.13	3.82						
	LCC2/0-12D-X		1/2	1.00	0.85	1.50	0.13	4.07						
	LCC2/0-12-X		1/2	1.75	0.85	1.50	0.13	4.98						
	LCC3/0-14B-X	3/0 AWG	1/4	0.75	0.96	1.50	0.13	3.56	Orange	P50	14	50	1 9/16	10
	LCC3/0-38D-X		3/8	1.00	0.96	1.50	0.13	3.87						
	LCC3/0-12D-X		1/2	1.00	0.96	1.50	0.13	4.12						
	LCC3/0-12-X		1/2	1.75	0.96	1.50	0.13	5.03						
	LCC4/0-14B-X	4/0 AWG	1/4	0.75	1.06	1.56	0.14	3.66	Purple	P54	15	54	1 5/8	10
	LCC4/0-56D-X		5/16	1.00	1.06	1.56	0.14	3.92						
	LCC4/0-38D-X		3/8	1.00	1.06	1.56	0.14	3.99						
	LCC4/0-38-X		3/8	1.75	1.06	1.56	0.14	4.74						
	LCC4/0-12D-X		1/2	1.00	1.06	1.56	0.14	4.22						
◆	LCC4/0-12-X		1/2	1.75	1.06	1.56	0.14	5.13						
	LCC250-38D-X	250 kcmil	3/8	1.00	1.17	1.60	0.14	4.09	Yellow	P62	16	62	1 11/16	10
	LCC250-12D-X		1/2	1.00	1.17	1.60	0.14	4.32						
◆	LCC250-12-X		1/2	1.75	1.17	1.60	0.14	5.23						
	LCC300-38D-X	300 kcmil	3/8	1.00	1.19	2.24	0.16	4.76	White	P66	17	66	2 5/16	10
◆	LCC300-12-X		1/2	1.75	1.19	2.24	0.16	5.94						
	LCC350-14B-X	350 kcmil	1/4	0.75	1.28	2.24	0.17	4.33	Red	P71	18	71	2 5/16	10
	LCC350-38D-X		3/8	1.00	1.28	2.24	0.17	4.81						
◆	LCC350-12-X		1/2	1.75	1.28	2.24	0.17	5.99						
	LCC400-14B-6	400 kcmil	1/4	0.75	1.39	2.30	0.18	4.44	Blue	P76	19	76	2 3/8	6
	LCC400-38D-6		3/8	1.00	1.39	2.30	0.18	4.92						
◆	LCC400-12-6		1/2	1.75	1.39	2.30	0.18	6.10						

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆NEMA hole sizes and spacing.

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Code Conductor, Two-Hole, Long Barrel Lug (continued)

	Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCC500-14B-6	500 kcmil	1/4	0.75	1.54	2.50	0.22	4.70	Brown	P87	20	87	2 9/16	6
	LCC500-38D-6		3/8	1.00	1.54	2.50	0.22	5.18						
◆	LCC500-12-6		1/2	1.75	1.54	2.50	0.22	6.36						
	LCC600-38D-6	600 kcmil	3/8	1.00	1.70	2.69	0.26	5.45	Green	P94	22	94	2 3/4	6
◆	LCC600-12-6		1/2	1.75	1.70	2.69	0.26	6.63						
	LCC750-38D-6	750 kcmil	3/8	1.00	1.89	2.87	0.26	6.10	Black	P106	24	106	2 15/16	6
◆	LCC750-12-6		1/2	1.75	1.89	2.87	0.26	7.04						
◆	LCC800-12-6	800 kcmil	1/2	1.75	1.95	2.94	0.29	7.13	Orange	P107	25	—	3	6
	LCC1000-38D-3	1000 kcmil	3/8	1.00	2.17	3.00	0.32	6.35	White	P125	27	125	3 1/16	3
◆	LCC1000-12-3		1/2	1.75	2.17	3.00	0.32	7.29						

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆NEMA hole sizes and spacing.

Code Conductor, Two-Hole, Long Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCC-W

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- Lugs available in 90 and 45 degree bent tongue. Please refer to www.panduit.com

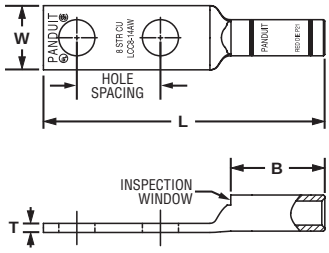


Figure 1

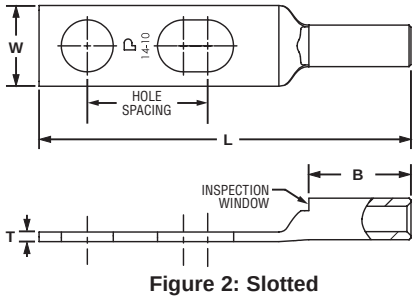


Figure 2: Slotted

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCC10-14JAW-L*	2	#14 – 10 AWG STR, #12 – 10 AWG SOL	1/4	0.50 – 0.63	0.42	0.53	0.05	1.93	—	—	—	—	9/16	50
LCC10-14AW-L*	1		1/4	0.63	0.42	0.53	0.05	1.93	—	—	—	—		
LCC10-14BW-L*	1		1/4	0.75	0.42	0.53	0.05	2.06	—	—	—	—		

‡Visit www.panduit.com/tools for tool and die information.
*Not tested to NEBS level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆NEMA hole sizes and spacing.

Continued on next page

Code Conductor, Two-Hole, Long Barrel with Window Lug (continued)

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
LCC8-10AW-L	1	#8 AWG	#10	0.63	0.41	0.70	0.08	2.01	Red	P21	49	21	3/4	50
LCC8-10BW-L	1		#10	0.75	0.41	0.70	0.08	2.14						
LCC8-10ABW-L	2		#10	0.63 – 0.75	0.41	0.70	0.08	2.14						
LCC8-14AW-L	1		1/4	0.63	0.48	0.70	0.07	2.10						
LCC8-14BW-L	1		1/4	0.75	0.48	0.70	0.07	2.23						
LCC8-14ABW-L	2		1/4	0.63 – 0.75	0.48	0.70	0.07	2.23						
LCC8-14DW-L	1		1/4	1.00	0.48	0.70	0.07	2.48						
LCC8-38DW-L	1		3/8	1.00	0.60	0.70	0.05	2.70						
LCC6-10AW-L	1	#6 AWG	#10	0.63	0.46	1.07	0.08	2.40	Blue	P24	7	24	1 1/8	50
LCC6-10BW-L	1		#10	0.75	0.46	1.07	0.08	2.52						
LCC6-10ABW-L	2		#10	0.63 – 0.75	0.46	1.07	0.08	2.52						
LCC6-14JW-L	1		1/4	0.50	0.48	1.07	0.08	2.36						
LCC6-14AW-L	1		1/4	0.63	0.48	1.07	0.08	2.49						
LCC6-14JAW-L	2		1/4	0.50 – 0.63	0.48	1.07	0.08	2.49						
LCC6-14BW-L	1		1/4	0.75	0.48	1.07	0.08	2.61						
LCC6-14DW-L	1		1/4	1.00	0.48	1.07	0.08	2.86						
LCC6-14BDW-L	2		1/4	0.75 – 1.00	0.48	1.07	0.08	2.86						
LCC6-14EW-L	1		1/4	1.25	0.48	1.07	0.08	3.11						
LCC6-14W-L	1		1/4	1.75	0.48	1.07	0.08	3.61						
LCC6-56BW-L	1		5/16	0.75	0.56	1.07	0.07	2.73						
LCC6-38BW-L	1		3/8	0.75	0.62	1.07	0.06	2.83						
LCC6-38CW-L	1		3/8	0.88	0.62	1.07	0.06	2.96						
LCC6-38DW-L	1		3/8	1.00	0.62	1.07	0.06	3.08						
LCC6-38BDW-L	2		3/8	0.75 – 1.00	0.62	1.07	0.06	3.08						
LCC6-12W-L	1		1/2	1.75	0.75	1.07	0.07	3.97						
LCC4-10AW-L	1	#4 – 3 AWG STR, #2 AWG SOL	#10	0.63	0.55	1.05	0.09	2.40	Gray	P29	8	29	1 1/8	50
LCC4-10BW-L	1		#10	0.75	0.55	1.05	0.09	2.53						
LCC4-14AW-L	1		1/4	0.63	0.55	1.05	0.09	2.50						
LCC4-14BW-L	1		1/4	0.75	0.55	1.05	0.09	2.63						
LCC4-14DW-L	1		1/4	1.00	0.55	1.05	0.09	2.63						
LCC4-14ADW-L	2		1/4	0.63 – 1.00	0.55	1.05	0.09	2.87						
LCC4-38DW-L	1		3/8	1.00	0.62	1.05	0.08	3.09						
LCC4-12W-L	1		1/2	1.75	0.75	1.05	0.07	4.01						
LCC2-10AW-Q	1	#2 AWG	#10	0.63	0.60	1.16	0.10	2.57	Brown	P33	10	33	1 1/4	25
LCC2-10BW-Q	1		#10	0.75	0.60	1.16	0.10	2.69						
LCC2-14AW-Q	1		1/4	0.63	0.60	1.16	0.10	2.67						
LCC2-14BW-Q	1		1/4	0.75	0.60	1.16	0.10	2.79						
LCC2-14DW-Q	1		1/4	1.00	0.60	1.16	0.10	3.04						

‡Visit www.panduit.com/tools for tool and die information.
*Not tested to NEBS level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆NEMA hole sizes and spacing.

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Code Conductor, Two-Hole, Long Barrel with Window Lug (continued)

	Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
						W	B	T	L						
	LCC2-56BW-Q	1	#2 AWG	5/16	0.75	0.66	1.16	0.10	2.92	Brown	P33	10	33	1 1/4	25
	LCC2-56CW-Q			5/16	0.88	0.66	1.16	0.10	3.04						
	LCC2-38BW-Q			3/8	0.75	0.66	1.16	0.10	2.99						
	LCC2-38CW-Q			3/8	0.88	0.66	1.16	0.10	3.12						
	LCC2-38DW-Q			3/8	1.00	0.66	1.16	0.10	3.24						
	LCC2-38W-Q			3/8	1.75	0.66	1.16	0.10	3.99						
	LCC2-12W-Q			1/2	1.75	0.75	1.16	0.08	4.41						
	LCC1-14AW-E	1	#1 AWG	1/4	0.63	0.70	1.36	0.11	2.89	Green	P37	11	37	1 7/16	20
	LCC1-14BW-E			1/4	0.75	0.70	1.36	0.11	3.01						
	LCC1-56BW-E			5/16	0.75	0.70	1.36	0.11	3.14						
	LCC1-56CW-E			5/16	0.88	0.70	1.36	0.11	3.26						
	LCC1-38DW-E			3/8	1.00	0.70	1.36	0.11	3.46						
	LCC1-12W-E			1/2	1.75	0.75	1.36	0.09	4.63						
	LCC1/0-14AW-X	1	1/0 AWG	1/4	0.63	0.76	1.44	0.12	3.07	Pink	P42	12	42	1 1/2	10
	LCC1/0-14BW-X			1/4	0.75	0.76	1.44	0.12	3.19						
	LCC1/0-14DW-X			1/4	1.00	0.76	1.44	0.12	3.44						
	LCC1/0-38DW-X			3/8	1.00	0.76	1.44	0.12	3.57						
	LCC1/0-38W-X			3/8	1.75	0.76	1.44	0.12	4.32						
	LCC1/0-12DW-X			1/2	1.00	0.80	1.44	0.12	3.84						
	LCC1/0-12W-X			1/2	1.75	0.80	1.44	0.12	4.74						
	LCC2/0-14AW-X	1	2/0 AWG	1/4	0.63	0.85	1.50	0.13	3.23	Black	P45	13	45	1 9/16	10
	LCC2/0-14BW-X			1/4	0.75	0.85	1.50	0.13	3.36						
	LCC2/0-56DW-X			5/16	1.00	0.85	1.50	0.13	3.61						
	LCC2/0-38DW-X			3/8	1.00	0.85	1.50	0.13	3.67						
	LCC2/0-12DW-X			1/2	1.00	0.85	1.50	0.13	3.92						
	LCC2/0-12W-X			1/2	1.75	0.85	1.50	0.13	4.83						
	LCC3/0-14BW-X	1	3/0 AWG	1/4	0.75	0.96	1.50	0.13	3.39	Orange	P50	14	50	1 9/16	10
	LCC3/0-56DW-X			5/16	1.00	0.96	1.50	0.13	3.64						
	LCC3/0-38DW-X			3/8	1.00	0.96	1.50	0.13	3.70						
	LCC3/0-12DW-X			1/2	1.00	0.96	1.50	0.13	3.95						
	LCC3/0-12W-X			1/2	1.75	0.96	1.50	0.13	4.87						
	LCC4/0-14AW-X	1	4/0 AWG	1/4	0.63	1.06	1.56	0.14	3.35	Purple	P54	15	54	1 5/8	10
	LCC4/0-14BW-X			1/4	0.75	1.06	1.56	0.14	3.48						
	LCC4/0-56DW-X			5/16	1.00	1.06	1.56	0.14	3.74						
	LCC4/0-38DW-X			3/8	1.00	1.06	1.56	0.14	3.81						
	LCC4/0-38W-X			3/8	1.75	1.06	1.56	0.14	4.56						
	LCC4/0-12DW-X			1/2	1.00	1.06	1.56	0.14	4.04						
◆	LCC4/0-12W-X			1/2	1.75	1.06	1.56	0.14	4.95						

‡Visit www.panduit.com/tools for tool and die information.
*Not tested to NEBS level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆NEMA hole sizes and spacing.

Continued on next page

Code Conductor, Two-Hole, Long Barrel with Window Lug (continued)

	Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
						W	B	T	L						
	LCC250-56DW-X	1	250 kcmil	5/16	1.00	1.17	1.61	0.14	3.82	Yellow	P62	16	62	1 11/16	10
	LCC250-38DW-X			3/8	1.00	1.17	1.61	0.14	3.89						
	LCC250-12DW-X			1/2	1.00	1.17	1.61	0.14	4.12						
◆	LCC250-12W-X			1/2	1.75	1.17	1.61	0.14	5.03						
	LCC300-38DW-X	1	300 kcmil	3/8	1.00	1.19	2.24	0.16	4.54	White	P66	17	66	2 5/16	10
◆	LCC300-12W-X			1/2	1.75	1.19	2.24	0.16	5.72						
	LCC350-14BW-X	1	350 kcmil	1/4	0.75	1.28	2.24	0.17	4.10	Red	P71	18	71	2 5/16	10
	LCC350-38DW-X			3/8	1.00	1.28	2.24	0.17	4.58						
◆	LCC350-12W-X			1/2	1.75	1.28	2.24	0.17	5.76						
	LCC400-14BW-6	1	400 kcmil	1/4	0.75	1.39	2.30	0.18	4.18	Blue	P76	19	76	2 3/8	6
	LCC400-38DW-6			3/8	1.00	1.39	2.30	0.18	4.66						
◆	LCC400-12W-6			1/2	1.75	1.28	2.30	0.17	5.84						
	LCC500-14BW-6	1	500 kcmil	1/4	0.75	1.54	2.50	0.22	4.46	Brown	P87	20	87	2 9/16	6
	LCC500-38DW-6			3/8	1.00	1.54	2.50	0.22	4.94						
◆	LCC500-12W-6			1/2	1.75	1.54	2.50	0.22	6.12						
	LCC600-38DW-6	1	600 kcmil	3/8	1.00	1.70	2.69	0.26	5.18	Green	P94	22	94	2 3/4	6
◆	LCC600-12W-6			1/2	1.75	1.70	2.69	0.26	6.36						
	LCC750-38DW-6	1	750 kcmil	3/8	1.00	1.89	2.88	0.26	5.71	Black	P106	24	106	2 15/16	6
◆	LCC750-12W-6			1/2	1.75	1.89	2.88	0.26	6.65						
◆	LCC800-12W-6	1	800 kcmil	1/2	1.75	1.95	2.94	0.30	6.74	Orange	P107	25	107	3	6
	LCC1000-38DW-3	1	1000 kcmil	3/8	1.00	2.17	3.00	0.32	5.95	White	P125	27	125	3 1/16	3
◆	LCC1000-12W-3			1/2	1.75	2.17	3.00	0.32	6.89						

‡Visit www.panduit.com/tools for tool and die information.
*Not tested to NEBS level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆NEMA hole sizes and spacing.

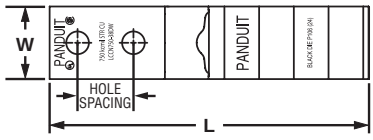
Order number of pieces required, in multiples of Standard Package Quantity.

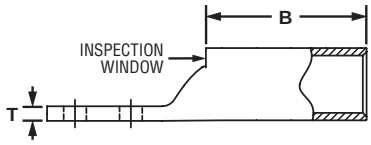
Code Conductor, Two-Hole, Long Barrel with Window, Narrow Tongue Lug

For Use with Stranded Copper Conductors

Type LCCN-W

- Narrow tongue width for limited space applications
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- Available with NEMA hole sizes and spacing





	Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCCN750-38DW-6	750 kcmil	3/8	1.00	1.30	2.88	0.28	5.72	Black	P106	24	106	2 15/16	6
◆	LCCN750-12W-6		1/2	1.75	1.30	2.88	0.28	6.66						

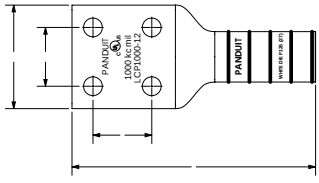
‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆NEMA hole sizes and spacing.

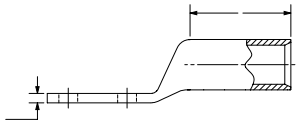
LCP Series of Large Wire Copper Compression Lugs

For Use with Stranded Copper Conductors

Type LCP

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- UL 467 Listed in the U.S. and Canada for grounding and bonding when crimped with specified Panduit crimp tools and dies. NOT recommended for direct burial applications
- UL Listed 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools
- NEMA hole sizes and spacing





Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.) W	B	T	L	Panduit Color Code	Panduit Die Index No.	Burndy Die Index No.	T&B Die Index No.	Wire Strip Length (In.)	Std. Pkg. Qty.
LCP750-12-3	750 kcmil	1/2	3.00	2.88	0.26	7.25	Black	P106	24	106	2 15/16	3
LCP1000-12-3	1000 kcmil	1/2	3.08	3.00	0.28	7.25	White	P125	27	125	3 1/16	3

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

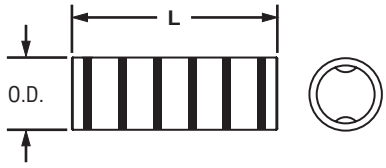
Code Conductor, Standard Barrel, Butt Splice

LISTED CERTIFIED

For Use with Stranded Copper Conductors

Type SCS

- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping approved



Part Number	Copper Conductor Size	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SCS8-L	#8 AWG	0.27	1.50	Red	P21	49	21	11/16	50
SCS6-L	#6 AWG	0.31	1.75	Blue	P24	7	24		
SCS4-L	#4 – #3 AWG STR, #2 AWG SOL	0.38	1.75	Gray	P29	8	29		
SCS2-Q	#2 AWG	0.42	1.87	Brown	P33	10	33	7/8	25
SCS1-E	#1 AWG	0.47	1.87	Green	P37	11	37	7/8	20
SCS1/0-X	1/0 AWG	0.52	1.87	Pink	P42	12	42	7/8	10
SCS2/0-X	2/0 AWG	0.58	2.00	Black	P45	13	45	15/16	
SCS3/0-X	3/0 AWG	0.64	2.12	Orange	P50	14	50	1	
SCS4/0-X	4/0 AWG	0.71	2.12	Purple	P54	15	54	1	
SCS250-X	250 kcmil	0.77	2.25	Yellow	P62	16	62	1 1/16	
SCS300-X	300 kcmil	0.81	2.25	White	P66	17	66	1 1/16	
SCS350-X	350 kcmil	0.87	2.37	Red	P71	18	71	1 1/8	
SCS400-6	400 kcmil	0.95	2.50	Blue	P76	19	76	1 3/16	6
SCS500-6	500 kcmil	1.05	2.87	Brown	P87	20	87	1 3/8	
SCS600-6	600 kcmil	1.18	2.87	Green	P94	22	94	1 3/8	
SCS750-6	750 kcmil	1.29	3.37	Black	P106	24	106	1 5/8	
SCS1000-3	1000 kcmil	1.50	3.87	White	P125	27	125	1 7/8	3

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Order number of pieces required, in multiples of Standard Package Quantity.

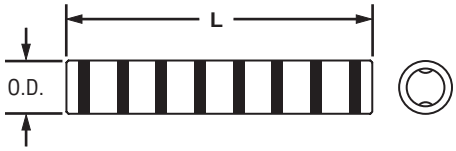
Code Conductor, Long Barrel, Butt Splice

LISTED CERTIFIED

For Use with Stranded Copper Conductors

Type SCL

- Long barrel maximizes the number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3



Part Number	Copper Conductor Size	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SCL8-L	#8 AWG	0.27	2.25	Red	P21	49	21	1 1/16	50
SCL6-L	#6 AWG	0.31	2.38	Blue	P24	7	24	1 1/8	
SCL4-L	#4 – #3 AWG STR, #2 AWG SOL	0.38	2.38	Gray	P29	8	29	1 1/8	
SCL2-Q	#2 AWG	0.42	2.62	Brown	P33	10	33	1 1/4	25
SCL1-E	#1 AWG	0.47	2.87	Green	P37	11	37	1 3/8	20
SCL1/0-X	1/0 AWG	0.52	2.87	Pink	P42	12	42	1 3/8	10
SCL2/0-X	2/0 AWG	0.58	3.13	Black	P45	13	45	1 1/2	
SCL3/0-X	3/0 AWG	0.64	3.12	Orange	P50	14	54	1 1/2	
SCL4/0-X	4/0 AWG	0.71	3.37	Purple	P54	15	54	1 5/8	
SCL250-X	250 kcmil	0.77	3.38	Yellow	P62	16	62	1 5/8	
SCL300-X	300 kcmil	0.81	4.12	White	P66	17	66	2	
SCL350-X	350 kcmil	0.88	4.12	Red	P71	18	71	2	
SCL400-6	400 kcmil	0.95	4.37	Blue	P76	19	76	2 1/8	6
SCL500-6	500 kcmil	1.06	4.62	Brown	P87	20	87	2 1/4	
SCL600-6	600 kcmil	1.19	5.50	Green	P94	22	94	2 11/16	
SCL750-6	750 kcmil	1.30	5.87	Black	P106	24	106	2 7/8	
SCL1000-3	1000 kcmil	1.50	6.12	White	P125	27	125	3	3

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

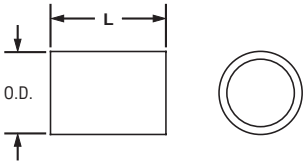
Code Conductor, Color-Coded Parallel Splice

LISTED CERTIFIED

For Use with Stranded Copper Conductors

Type PSC

- Industry recognized color-coding allows proper part selection and quick identification of crimping dies to speed installation
- Large easy-to-read part numbering for verification in demanding low light conditions
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit dieless and die type crimping tools
- Single crimp design speeds installation and reduces labor costs
- Chamfered on both ends to facilitate fast and easy conductor insertion to speed installation



Part Number	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Barrel O.D.	L				
PSCRED-L	0.27	0.50	Red	P21	7/16	50
PSCBLU-L	0.31	0.50	Blue	P24		
PSCGRY-L	0.38	0.50	Gray	P29		
PSCBRN-L	0.47	0.62	Brown	P33	11/16	50
PSCGRN-L	0.52	0.62	Green	P37		
PSCPNK-L	0.58	0.62	Pink	P42		
PSCBLK-Q	0.64	0.81	Black	P45	7/8	25
PSCORG-Q	0.71	0.81	Orange	P50		
PSCPUR-Q	0.77	0.88	Purple	P54	1	25
PSCYEL-Q	0.81	1.05	Yellow	P62	1 1/16	25

‡Visit www.panduit.com/tools for tool and die information. For smaller wires sizes, see pages D1.51 – D1.54.
For heat shrink end caps and tubing see pages C3.20 – C3.41.
For thermal transfer labeling solutions see pages E1.1 – E2.29.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Order number of pieces required, in multiples of Standard Package Quantity.

Copper Compression Parallel Splice

How to Use This Guide

Example: (3) #14 AWG wires
(2) #12 AWG wires

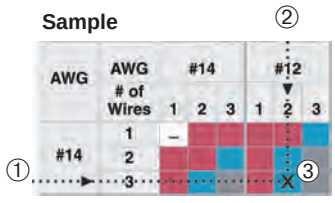
① In Table 1 find #14 AWG wire size and # of wires on vertical axis.

② Find #12 AWG wire size and # of wires on horizontal axis.

③ Find the intersection of ① and ② to identify the correct color coded splice, which corresponds to the part number in Table 2. ■ blue = PSCBLU-L

④ See tool solutions catalog for proper die index number, wire strip length, and number of crimps.

Sample



LISTED CERTIFIED RoHS

	Part Number	Barrel O.D. (In.)	Length (In.)	Panduit Color Code	Panduit Die Index No.	Std. Pkg. Qty.
	PSCRED-L	0.27	0.50	Red	P21	50
③	PSCBLU-L	0.31	0.50	Blue	P24	
	PSCGRY-L	0.38	0.50	Gray	P29	
	PSCBRN-L	0.47	0.62	Brown	P33	
	PSCGRN-L	0.52	0.62	Green	P37	
	PSCPNK-L	0.58	0.62	Pink	P42	
	PSCBLK-Q	0.64	0.81	Black	P45	25
	PSCORG-Q	0.71	0.81	Orange	P50	
	PSCPUR-Q	0.77	0.88	Purple	P54	
	PSCYEL-Q	0.81	1.05	Yellow	P62	

Table 2

AWG	AWG # of Wires	#14 1	#14 2	#14 3	#12 1	#12 2	#12 3	#10 1	#10 2	#10 3	#8 1	#8 2	#8 3	#6 1	#6 2	#6 3	#4 1	#4 2	#4 3	#2 1	#2 2	#2 3	#1 1	#1 2	#1 3	1/0 1	1/0 2	1/0 3	2/0 1	2/0 2	2/0 3	3/0 1	3/0 2	3/0 3
#14	1	–											–		–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	2												–		–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	3												–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
#12	1																								–			–					
	2																								–			–					
	3																								–			–					
#10	1																								–			–					
	2																								–			–					
	3																								–			–					
#8	1																								–			–					
	2																								–			–					
	3	–	–	–																					–			–					
#6	1																								–			–					
	2	–	–	–																		–			–			–					
	3	–	–	–																		–			–			–					
#4	1			–																		–			–			–					
	2	–	–	–																		–			–			–					
	3	–	–	–															–		–	–		–	–	–	–	–	–	–	–	–	–	–
#2	1	–	–	–																		–			–			–					
	2	–	–	–															–		–	–		–	–	–	–	–	–	–	–	–	–	–
	3	–	–	–													–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
#1	1	–	–	–																		–			–			–					
	2	–	–	–													–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1/0	1	–	–	–																		–			–			–					
	2	–	–	–									–			–			–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2/0	1	–	–	–																		–			–			–					
	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3/0	1	–	–	–																–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 1

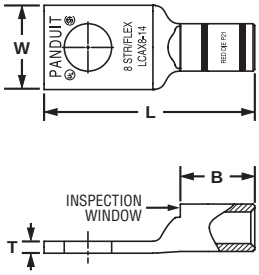
Flex Conductor, One-Hole, Standard Barrel with Window Lug

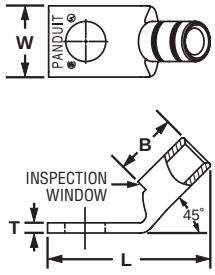
LISTED CERTIFIED

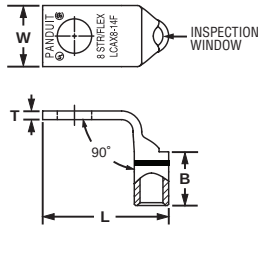
For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCAX

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit® and specified competitor crimping tools and dies
- American Bureau of Shipping approved
- Lugs available in 90 and 45 degree bent tongue. Please refer to www.panduit.com







Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L						
LCAX8-10-L	#8 AWG	#8 AWG	#8 AWG	#10	0.41	0.42	0.08	1.11	Red	P21	49	21	1/2	50
LCAX8-14-L				1/4	0.48	0.42	0.07	1.20						
LCAX8-56-L				5/16	0.56	0.42	0.05	1.32						
LCAX8-38-L				3/8	0.60	0.42	0.05	1.42						
LCAX6-10-L	#6 AWG	#6 AWG	#6 AWG	#10	0.45	0.48	0.09	1.19	Blue	P24	7	24	9/16	50
LCAX6-14-L				1/4	0.48	0.48	0.08	1.28						
LCAX6-56-L				5/16	0.56	0.48	0.07	1.40						
LCAX6-38-L				3/8	0.62	0.48	0.06	1.50						
LCAX4-10-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	#10	0.55	0.53	0.09	1.26	Gray	P29	8	29	5/8	50
LCAX4-14-L				1/4	0.55	0.53	0.09	1.35						
LCAX4-56-L				5/16	0.55	0.53	0.09	1.47						
LCAX4-38-L				3/8	0.62	0.53	0.07	1.57						
LCAX2-10-E*	#2 AWG	#2 AWG	#2 AWG	#10	0.70	0.59	0.11	1.40	Brown	P33	10	33	11/16	20
LCAX2-14-E*				1/4	0.70	0.59	0.11	1.50						
LCAX2-56-E*				5/16	0.70	0.59	0.11	1.63						
LCAX2-38-E*				3/8	0.70	0.59	0.11	1.70						
LCAX2-12-E*				1/2	0.75	0.59	0.09	1.94						
LCAX1-10-X	#1 AWG	#1 AWG	#1 AWG	#10	0.76	0.66	0.12	1.50	Green	P37	11	37	3/4	10
LCAX1-14-X				1/4	0.76	0.66	0.12	1.67						
LCAX1-56-X				5/16	0.76	0.66	0.12	1.72						
LCAX1-38-X				3/8	0.76	0.66	0.12	1.80						
LCAX1-12-X				1/2	0.80	0.66	0.12	2.03						
LCAX1/0-14-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	0.85	0.72	0.13	1.82	Pink	P42	12	42	3/4	10
LCAX1/0-56-X				5/16	0.85	0.72	0.13	1.82						
LCAX1/0-38-X				3/8	0.85	0.72	0.13	1.89						
LCAX1/0-12-X				1/2	0.85	0.72	0.13	2.14						
LCAX1/0-58-X				5/8	0.96	0.72	0.11	2.38						

‡Visit www.panduit.com/tools for tool and die information.
*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Flex Conductor, One-Hole, Standard Barrel with Window Lug (continued)

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L						
LCAX2/0-10-X	2/0 AWG	2/0 AWG	2/0 AWG	#10	0.96	0.83	0.13	1.72	Black	P45	13	45	7/8	10
LCAX2/0-14-X				1/4	0.96	0.83	0.13	1.97						
LCAX2/0-56-X				5/16	0.96	0.83	0.13	1.97						
LCAX2/0-38-X				3/8	0.96	0.83	0.13	2.03						
LCAX2/0-12-X				1/2	0.96	0.83	0.13	2.28						
LCAX2/0-58-X				5/8	0.96	0.83	0.13	2.52						
LCAX3/0-10-X	3/0 AWG	3/0 AWG	3/0 AWG	#10	1.06	0.91	0.14	1.84	Orange	P50	14	50	1	10
LCAX3/0-14-X				1/4	1.06	0.91	0.14	2.08						
LCAX3/0-56-X				5/16	1.06	0.91	0.14	2.10						
LCAX3/0-38-X				3/8	1.06	0.91	0.14	2.17						
LCAX3/0-12-X				1/2	1.06	0.91	0.14	2.40						
LCAX3/0-58-X				5/8	1.06	0.91	0.14	2.64						
LCAX4/0-14-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	1.19	1.03	0.16	2.30	Purple	P54	15	54	1 1/16	10
LCAX4/0-56-X				5/16	1.19	1.03	0.16	2.53						
LCAX4/0-38-X				3/8	1.19	1.03	0.16	2.53						
LCAX4/0-12-X				1/2	1.19	1.03	0.16	2.64						
LCAX4/0-58-X				5/8	1.19	1.03	0.16	2.85						
LCAX4/0-34-X				3/4	1.19	1.03	0.16	3.04						
LCAX250-14-X	250 kcmil	262.6 kcmil	—	1/4	1.28	1.03	0.17	2.34	Yellow	P62	16	62	1 1/16	10
LCAX250-56-X				5/16	1.28	1.03	0.17	2.57						
LCAX250-38-X				3/8	1.28	1.03	0.17	2.57						
LCAX250-12-X				1/2	1.28	1.03	0.17	2.68						
LCAX250-58-X				5/8	1.28	1.03	0.17	2.89						
LCAX250-34-X				3/4	1.28	1.03	0.17	3.08						
LCAX300-38-6	300 kcmil	313.1 kcmil	—	3/8	1.39	1.19	0.18	2.91	Red	P71	18	71H	1 1/4	6
LCAX300-12-6				1/2	1.39	1.19	0.18	2.91						
LCAX300-58-6				5/8	1.39	1.19	0.18	3.12						
LCAX350-56-6	350 kcmil	373.7 kcmil	—	5/16	1.54	1.29	0.22	2.93	Blue	P76	19	76H	1 3/8	6
LCAX350-38-6				3/8	1.54	1.29	0.22	2.93						
LCAX350-12-6				1/2	1.54	1.29	0.22	3.09						
LCAX350-58-6				5/8	1.54	1.29	0.22	3.30						
LCAX450-12-6	450 kcmil	444.4 kcmil	—	1/2	1.70	1.40	0.26	3.60	Brown	P87	20	87H	1 7/16	6
LCAX450-58-6				5/8	1.70	1.40	0.26	3.73						
LCAX500-56-6	500 kcmil	535.3 kcmil	—	5/16	1.89	1.48	0.26	3.27	Pink	P99	L99	99H	1 9/16	6
LCAX500-38-6				3/8	1.89	1.48	0.26	3.27						
LCAX500-12-6				1/2	1.89	1.48	0.26	3.64						
LCAX500-58-6				5/8	1.89	1.48	0.26	4.20						
LCAX650-56-6	—	646.4 kcmil	—	5/16	1.95	1.45	0.30	3.27	Black	P106	24	106H	1 1/2	6
LCAX650-38-6				3/8	1.95	1.45	0.30	3.27						
LCAX650-12-6				1/2	1.95	1.45	0.30	3.64						
LCAX650-58-6				5/8	1.95	1.45	0.30	4.20						
LCAX750-12-3	—	777.7 kcmil	—	1/2	2.17	1.66	0.32	3.94	Yellow	P115	L115	115H	1 3/4	3
LCAX750-58-3				5/8	2.17	1.66	0.32	4.59						

‡Visit www.panduit.com/tools for tool and die information.
*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Continued on next page

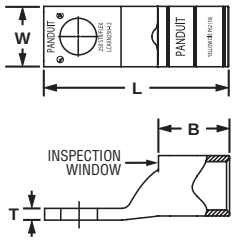
Flex Conductor, One-Hole, Standard Barrel with Window, Narrow Tongue Lug

LISTED CERTIFIED

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCAXN

- Narrow tongue width for limited space applications
- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)					Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive			ØI	W	B	T	L						
LCAXN4/0-14-X	4/0 AWG	4/0 AWG	—	1/4	—	0.81	1.03	0.20	2.32	Purple	P54	15	54	1 1/16	10
LCAXN4/0-56-X				5/16	—	0.81	1.03	0.20	2.55						
LCAXN4/0-38-X				3/8	—	0.81	1.03	0.20	2.55						
LCAXN750-12-3	—	777.7 kcmil	—	1/2	—	1.50	1.66	0.33	3.94	Yellow	P115	L115	115H	1 3/4	3
LCAXN1/0-12-X	1/0 AWG	1/0 AWG	1/0 AWG	1/2	0.45	0.7	0.98	0.15	2.42	Pink	P42	12	42	1-1/16	10
LCAXN1/0-14-X				1/4	0.45	0.58	0.98	0.15	2.09						
LCAXN1/0-38-X				3/8	0.45	0.58	0.98	0.15	2.17						
LCAXN1/0-56-X				5/16	0.45	0.58	0.98	0.14	2.09						
LCAXN2/0-12-X	2/0 AWG	2/0 AWG	1/0 AWG	1/2	0.51	0.77	1.14	0.15	2.61	Black	P45	13	45	1-3/16	10
LCAXN2/0-14-X			2/0 AWG	1/4	0.51	0.64	1.14	0.16	2.28						
LCAXN2/0-38-X			2/0 AWG	3/8	0.51	0.64	1.14	0.16	2.36						
LCAXN2/0-56-X			2/0 AWG	5/16	0.51	0.64	1.14	0.16	2.3						
LCAXN3/0-12-X	3/0 AWG	3/0 AWG	3/0 AWG	1/2	0.57	0.71	1.19	0.18	2.68	Orange	P50	14	50	1-1/4	10
LCAXN3/0-14-X				1/4	0.57	0.71	1.19	0.18	2.38						
LCAXN3/0-38-X				3/8	0.57	0.71	1.19	0.18	2.45						
LCAXN3/0-56-X				5/16	0.57	0.71	1.19	0.18	2.4						
LCAXN4/0-12-X	4/0 AWG	4/0 AWG	4/0 AWG	1/2	0.65	0.81	1.44	0.2	3.07	Purple	P54	15	54	1-1/2	10
LCAXN250-12-X	250 kcmil	262.6 kcmil	—	1/2	0.7	0.88	1.44	0.21	3.12	Yellow	P62	16	62	1-1/2	10
LCAXN250-38-X				3/8	0.7	0.88	1.44	0.21	3						
LCAXN250-56-X				5/16	0.7	0.88	1.44	0.21	3						
LCAXN300-12-6	300 kcmil	313.1 kcmil	—	1/2	0.76	0.95	1.5	0.23	3.24	Red	P71	18	71H	1-9/16	6
LCAXN350-12-6	350 kcmil	373.7 kcmil	—	1/2	0.84	1.06	1.75	0.26	3.57	Blue	P76	19	76H	1-13/16	6
LCAXN350-38-6				3/8	0.84	1.06	1.75	0.26	3.39						
LCAXN350-56-6				5/16	0.84	1.06	1.75	0.26	3.39						
LCAXN450-12-6	450 kcmil	444.4 kcmil	—	1/2	0.92	1.19	1.75	0.33	4.22	Brown	P87	20	87H	1-13/16	6
LCAXN500-12-6	500 kcmil	535.3 kcmil	—	1/2	1.03	1.3	1.75	0.32	4.03	Pink	P99	L99	99H	1-15/16	6
LCAXN500-38-6				3/8	1.03	1.3	1.75	0.32	3.84						

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Order number of pieces required, in multiples of Standard Package Quantity.

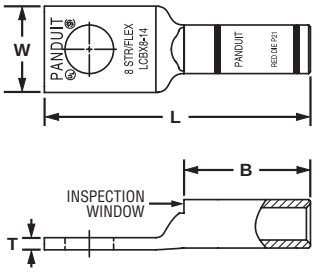
LISTED CERTIFIED

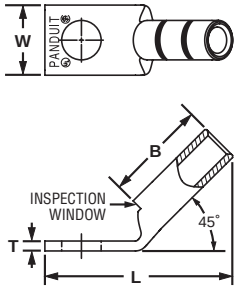
Flex Conductor, One-Hole, Long Barrel with Window Lug

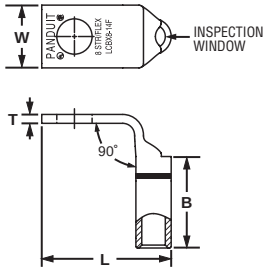
For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCBX

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Lugs available in 90 and 45 degree bent tongue. Please refer to www.panduit.com







Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L						
LCBX8-10-L	#8 AWG	#8 AWG	#8 AWG	#10	0.41	0.70	0.08	1.39	Red	P21	49	21	3/4	50
LCBX8-14-L				1/4	0.48	0.70	0.07	1.48						
LCBX8-38-L				3/8	0.60	0.70	0.05	1.70						
LCBX6-14-L	#6 AWG	#6 AWG	#6 AWG	1/4	0.48	1.07	0.08	1.86	Blue	P24	7	24	1 1/8	50
LCBX6-38-L				3/8	0.62	1.07	0.06	2.08						
LCBX4-14-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	0.55	1.05	0.09	1.87	Gray	P29	8	29	1 1/8	50
LCBX4-38-L				3/8	0.62	1.05	0.07	2.09						
LCBX2-14-E*	#2 AWG	#2 AWG	#2 AWG	1/4	0.70	1.36	0.11	2.26	Brown	P33	10	33	1 7/16	20
LCBX2-38-E*				3/8	0.70	1.36	0.11	2.46						
LCBX2-12-E*				1/2	0.75	1.36	0.09	2.70						
LCBX1-14-X	#1 AWG	#1 AWG	#1 AWG	1/4	0.76	1.44	0.12	2.44	Green	P37	11	37	1 1/2	10
LCBX1-56-X				5/16	0.76	1.44	0.12	2.50						
LCBX1-38-X				3/8	0.76	1.44	0.12	2.57						
LCBX1/0-14-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	0.85	1.50	0.13	2.61	Pink	P42	12	42	1 9/16	10
LCBX1/0-38-X				3/8	0.85	1.50	0.13	2.67						
LCBX1/0-12-X				1/2	0.85	1.50	0.13	2.92						
LCBX2/0-14-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	0.96	1.50	0.13	2.64	Black	P45	13	45	1 9/16	10
LCBX2/0-38-X				3/8	0.96	1.50	0.13	2.70						
LCBX2/0-12-X				1/2	0.96	1.50	0.13	2.96						
LCBX3/0-38-X	3/0 AWG	3/0 AWG	3/0 AWG	3/8	1.06	1.56	0.14	2.81	Orange	P50	14	50	1 5/8	10
LCBX4/0-38-X	4/0 AWG	4/0 AWG	4/0 AWG	3/8	1.19	2.24	0.16	3.74	Purple	P54	15	54	2 5/16	10
LCBX4/0-12-X				1/2	1.19	2.24	0.16	3.85						

‡Visit www.panduit.com/tools for tool and die information.
*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Continued on next page

Flex Conductor, One-Hole, Long Barrel with Window Lug (continued)

Part Number	Flex Conductor Size: Class G, H, I, K, M	Flex Conductor Size: Diesel Locomotive	Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.): W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCBX250-38-X	250 kcmil	262.6 kcmil	—	3/8	1.28	2.24	0.17	3.78	Yellow	P62	16	62	2 5/16	10
LCBX250-12-X			—	1/2	1.28	2.24	0.17	3.89						
LCBX250-58-X			—	5/8	1.28	2.24	0.17	4.10						
LCBX300-38-6	300 kcmil	313.1 kcmil	—	3/8	1.39	2.30	0.18	4.02	Red	P71	18	71H	2 3/8	6
LCBX350-38-6	350 kcmil	373.7 kcmil	—	3/8	1.54	2.50	0.22	4.14	Blue	P76	19	76H	2 9/16	6
LCBX350-12-6				1/2	1.54	2.50	0.22	4.30						
LCBX450-38-6	450 kcmil	444.4 kcmil	—	3/8	1.70	2.69	0.26	5.14	Brown	P87	20	87H	2 3/4	6
LCBX500-38-6	500 kcmil	535.3 kcmil	—	3/8	1.89	2.88	0.26	4.84	Pink	P99	L99	99H	2 15/16	6
LCBX500-12-6				1/2	1.89	2.88	0.26	5.03						

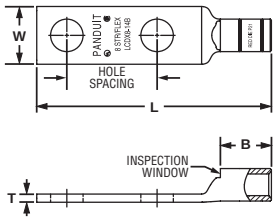
‡Visit www.panduit.com/tools for tool and die information.
*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

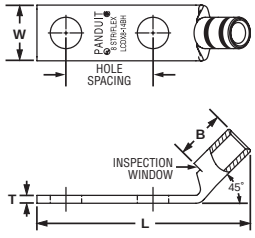
Flex Conductor, Two-Hole, Standard Barrel with Window Lug

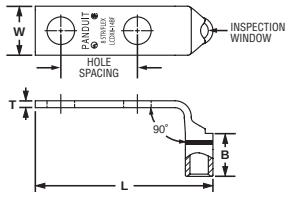
For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCDX

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- American Bureau of Shipping approved
- Available with NEMA hole sizes and spacing
- Lugs available in 90 and 45 degree bent tongue. Please refer to www.panduit.com







Part Number	Flex Conductor Size: Class G, H, I, K, M	Flex Conductor Size: Diesel Locomotive	Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.): W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCDX8-10A-L	#8 AWG	#8 AWG	#8 AWG	#10	0.63	0.41	0.42	0.08	1.74	Red	P21	49	21	1/2	50
LCDX8-14A-L				1/4	0.63	0.48	0.42	0.07	1.83						
LCDX8-14B-L				1/4	0.75	0.48	0.42	0.07	1.95						
LCDX8-14D-L				1/4	1.00	0.48	0.42	0.07	2.20						
LCDX8-38D-L				3/8	1.00	0.60	0.42	0.05	2.42						

‡Visit www.panduit.com/tools for tool and die information.
*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆NEMA hole sizes and spacing.

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

LISTED CERTIFIED

Flex Conductor, One-Hole, Long Barrel with Window Lug (continued)

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCDX6-10A-L	#6 AWG	#6 AWG	#6 AWG	#10	0.63	0.46	0.48	0.08	1.82	Blue	P24	7	24	9/16	50
LCDX6-10B-L				#10	0.75	0.46	0.48	0.08	1.94						
LCDX6-10G-L				#10	1.50	0.46	0.48	0.08	2.69						
LCDX6-10P-L				#10	0.69	0.46	0.48	0.08	1.88						
LCDX6-14A-L				1/4	0.63	0.48	0.48	0.08	1.91						
LCDX6-14B-L				1/4	0.75	0.48	0.48	0.08	2.03						
LCDX6-14D-L				1/4	1.00	0.48	0.48	0.08	2.28						
LCDX6-56D-L				5/16	1.00	0.56	0.48	0.07	2.40						
LCDX6-38D-L				3/8	1.00	0.62	0.48	0.06	2.50						
LCDX4-14A-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	0.63	0.55	0.53	0.09	1.98	Gray	P29	8	29	5/8	50
LCDX4-14B-L				1/4	0.75	0.55	0.53	0.09	2.10						
LCDX4-14D-L				1/4	1.00	0.55	0.53	0.09	2.35						
LCDX4-56D-L				5/16	1.00	0.55	0.53	0.09	2.47						
LCDX4-38D-L				3/8	1.00	0.62	0.53	0.08	2.57						
LCDX2-14A-E*	#2 AWG	#2 AWG	#2 AWG	1/4	0.63	0.70	0.59	0.11	2.13	Brown	P33	10	33	11/16	20
LCDX2-14B-E*				1/4	0.75	0.70	0.59	0.11	2.25						
LCDX2-14D-E*				1/4	1.00	0.70	0.59	0.11	2.50						
LCDX2-56D-E*				5/16	1.00	0.70	0.59	0.11	2.63						
LCDX2-38D-E*				3/8	1.00	0.70	0.59	0.11	2.70						
LCDX2-12-E*				1/2	1.75	0.75	0.59	0.09	3.87						
LCDX1-14A-X	#1 AWG	#1 AWG	#1 AWG	1/4	0.63	0.76	0.66	0.12	2.29	Green	P37	11	37	3/4	10
LCDX1-14B-X				1/4	0.75	0.76	0.66	0.12	2.42						
LCDX1-14D-X				1/4	1.00	0.76	0.66	0.12	2.67						
LCDX1-56D-X				5/16	1.00	0.76	0.66	0.12	2.72						
LCDX1-38D-X				3/8	1.00	0.76	0.66	0.12	2.80						
LCDX1-12-X				1/2	1.75	0.80	0.66	0.12	3.97						
LCDX1/0-14A-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	0.63	0.85	0.72	0.13	2.45	Pink	P42	12	42	3/4	10
LCDX1/0-14B-X				1/4	0.75	0.85	0.72	0.13	2.57						
LCDX1/0-56B-X				5/16	0.75	0.85	0.72	0.13	2.57						
LCDX1/0-56D-X				5/16	1.00	0.85	0.72	0.13	2.82						
LCDX1/0-38D-X				3/8	1.00	0.85	0.72	0.13	2.89						
LCDX1/0-12D-X				1/2	1.00	0.85	0.72	0.13	3.14						
LCDX1/0-12-X				1/2	1.75	0.85	0.72	0.13	4.05						
LCDX2/0-14A-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	0.63	0.96	0.83	0.13	2.59	Black	P45	13	45	7/8	10
LCDX2/0-14B-X				1/4	0.75	0.96	0.83	0.13	2.72						
LCDX2/0-56D-X				5/16	1.00	0.96	0.83	0.13	2.97						
LCDX2/0-38D-X				3/8	1.00	0.96	0.83	0.13	3.03						
LCDX2/0-12D-X				1/2	1.00	0.96	0.83	0.13	3.28						
LCDX2/0-12-X				1/2	1.75	0.96	0.83	0.13	4.19						
LCDX3/0-14A-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	0.63	1.06	0.91	0.14	2.71	Orange	P50	14	50	1	10
LCDX3/0-56D-X				5/16	1.00	1.06	0.91	0.14	3.10						
LCDX3/0-38D-X				3/8	1.00	1.06	0.91	0.14	3.17						
◆ LCDX3/0-12-X				1/2	1.75	1.06	0.91	0.14	4.31						

‡Visit www.panduit.com/tools for tool and die information.
*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆NEMA hole sizes and spacing.

Continued on next page

Flex Conductor, Two-Hole, Standard Barrel with Window Lug (continued)

	Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
	LCDX4/0-14A-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	0.63	1.19	1.03	0.16	2.74	Purple	P54	15	54	1 1/16	10
	LCDX4/0-14B-X				1/4	0.75	1.19	1.03	0.16	2.96						
	LCDX4/0-56D-X				5/16	1.00	1.19	1.03	0.16	3.31						
	LCDX4/0-38D-X				3/8	1.00	1.19	1.03	0.16	3.34						
	LCDX4/0-12D-X				1/2	1.00	1.19	1.03	0.16	3.61						
	LCDX4/0-12E-X				1/2	1.25	1.19	1.03	0.16	3.89						
◆	LCDX4/0-12-X				1/2	1.75	1.19	1.03	0.16	4.52						
	LCDX250-38D-X	250 kcmil	262.6 kcmil	—	3/8	1.00	1.28	1.03	0.17	3.38	Yellow	P62	16	62	1 1/16	10
	LCDX250-38-X				3/8	1.75	1.28	1.03	0.17	4.13						
	LCDX250-12E-X				1/2	1.25	1.28	1.03	0.17	3.93						
◆	LCDX250-12-X				1/2	1.75	1.28	1.03	0.17	4.56						
	LCDX300-38D-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	1.19	0.18	3.56	Red	P71	18	71H	1 1/4	6
◆	LCDX300-12-6				1/2	1.75	1.39	1.19	0.18	4.74						
	LCDX350-56D-6	350 kcmil	373.7 kcmil	—	5/16	1.00	1.54	1.29	0.22	3.71	Blue	P76	19	76H	1 3/8	6
	LCDX350-38D-6				3/8	1.00	1.54	1.29	0.22	3.74						
	LCDX350-38-6				3/8	1.75	1.54	1.29	0.22	4.49						
	LCDX350-12E-6				1/2	1.25	1.54	1.29	0.22	4.29						
◆	LCDX350-12-6				1/2	1.75	1.54	1.29	0.22	4.92						
	LCDX450-38D-6	450 kcmil	444.4 kcmil	—	3/8	1.00	1.70	1.40	0.26	3.90	Brown	P87	20	87H	1 7/16	6
◆	LCDX450-12-6				1/2	1.75	1.70	1.40	0.26	5.08						
	LCDX500-56D-6	500 kcmil	535.3 kcmil	—	5/16	1.00	1.89	1.48	0.26	4.05	Pink	P99	L99	99H	1 9/16	6
	LCDX500-38D-6				3/8	1.00	1.89	1.48	0.26	4.08						
	LCDX500-12E-6				1/2	1.25	1.89	1.48	0.26	4.76						
◆	LCDX500-12-6				1/2	1.75	1.89	1.48	0.26	5.26						
◆	LCDX600-12-6	600 kcmil Class G, H, I only	—	—	1/2	1.75	1.89	1.48	0.26	5.26	Pink	P99	400	99H	1 9/16	6
	LCDX650-38D-6	—	646.4 kcmil	—	3/8	1.00	1.95	1.45	0.30	4.08	Black	P106	24	106H	1 1/2	6
◆	LCDX650-12-6				1/2	1.75	1.95	1.45	0.30	5.26						
	LCDX750-38D-3	—	777.7 kcmil	—	3/8	1.00	2.17	1.66	0.32	4.62	Yellow	P115	L115	115H	1 3/4	3
	LCDX750-12E-3				1/2	1.25	2.17	1.66	0.32	5.06						
	LCDX750-12G-3				1/2	1.50	2.17	1.66	0.32	5.31						
◆	LCDX750-12-3				1/2	1.75	2.17	1.66	0.32	5.56						
	LCDX750-58G-3				5/8	1.50	2.17	1.66	0.32	5.37						

‡Visit www.panduit.com/tools for tool and die information.
*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

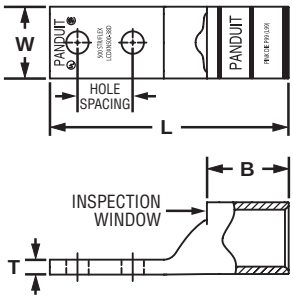
LISTED CERTIFIED

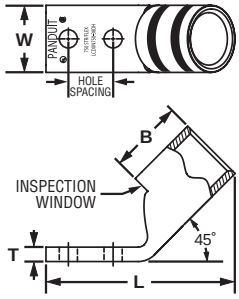
Flex Conductor, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug

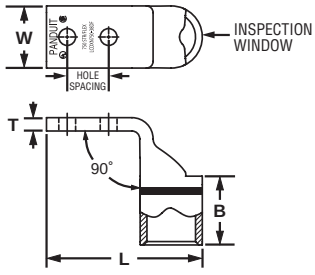
For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCDXN

- Narrow tongue width for limited space applications
- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Available with NEMA hole sizes and spacing
- Lugs available in 90 and 45 degree bent tongue. Please refer to www.panduit.com







	Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
	LCDXN2-14A-E*	#2 AWG	#2 AWG	#2 AWG	1/4	0.63	0.47	0.59	0.11	2.13	Brown	P33	10	33	11/16	20
	LCDXN4/0-38D-X	4/0 AWG	4/0 AWG	4/0 AWG	3/8	1.00	0.81	1.03	0.16	3.34	Purple	P54	15	54	1 1/16	10
	LCDXN350-38D-6	350 kcmil	373.7 kcmil	—	3/8	1.00	1.06	1.29	0.22	3.74	Blue	P76	19	76H	1 3/8	6
	LCDXN500-38D-6	500 kcmil	535.3 kcmil	—	3/8	1.00	1.30	1.48	0.28	4.32	Pink	P99	L99	99H	1 9/16	6
◆	LCDXN500-12-6			—	1/2	1.75	1.30	1.48	0.32	5.31						
	LCDXN750-38D-3	—	777.7 kcmil	—	3/8	1.00	1.50	1.66	0.34	4.62	Yellow	P115	L115	115H	1 3/4	3
◆	LCDXN750-12-3			—	1/2	1.75	1.50	1.66	0.35	5.55						

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆NEMA hole sizes and spacing.

Flex Conductor, Two-Hole, Long Barrel with Window Lug

For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors

Type LCCX

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Available with NEMA hole sizes and spacing
- Lugs available in 90 and 45 degree bent tongue. Please refer to www.panduit.com

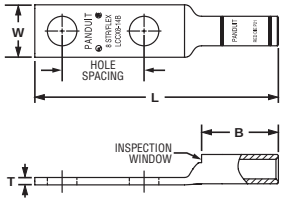


Figure 1

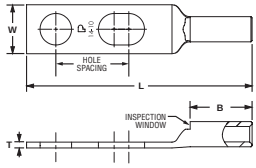


Figure 2: Slotted

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Diesel Locomotive				W	B	T	L						
LCCX8-10A-L	#8 AWG	#8 AWG	#8 AWG	#10	0.63	0.41	0.70	0.08	2.01	Red	P21	49	21	3/4	50
LCCX8-10B-L				#10	0.75	0.41	0.70	0.08	2.14						
LCCX8-10AB-L^				#10	0.63 – 0.75	0.41	0.70	0.08	2.14						
LCCX8-14A-L				1/4	0.63	0.48	0.70	0.07	2.10						
LCCX8-14B-L				1/4	0.75	0.48	0.70	0.07	2.23						
LCCX8-14AB-L^				1/4	0.63 – 0.75	0.48	0.70	0.07	2.23						
LCCX8-14D-L				1/4	1.00	0.48	0.70	0.07	2.48						
LCCX8-38D-L				3/8	1.00	0.60	0.70	0.05	2.70						
LCCX6-10B-L	#6 AWG	#6 AWG	#6 AWG	#10	0.75	0.46	1.07	0.08	2.52	Blue	P24	7	24	1 1/8	50
LCCX6-14A-L				1/4	0.63	0.48	1.07	0.08	2.49						
LCCX6-14B-L				1/4	0.75	0.48	1.07	0.08	2.61						
LCCX6-14AB-L^				1/4	0.63 – 0.75	0.48	1.07	0.08	2.61						
LCCX6-14D-L				1/4	1.00	0.48	1.07	0.08	2.86						
LCCX6-38A-L				3/8	0.63	0.62	1.07	0.06	2.71						
LCCX6-38C-L				3/8	0.88	0.62	1.07	0.06	2.96						
LCCX6-38AC-L^				3/8	0.63 – 0.88	0.62	1.07	0.06	2.96						
LCCX6-38D-L				3/8	1.00	0.62	1.07	0.06	3.08						
LCCX4-14A-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	0.63	0.55	1.05	0.09	2.49	Gray	P29	8	29	1 1/8	50
LCCX4-14B-L				1/4	0.75	0.55	1.05	0.09	2.63						
LCCX4-14AB-L^				1/4	0.63 – 0.75	0.55	1.05	0.09	2.63						
LCCX4-14CE-L^				1/4	0.88 – 1.25	0.55	1.05	0.09	3.12						
LCCX4-38B-L				3/8	0.75	0.62	1.05	0.08	2.84						
LCCX4-38D-L				3/8	1.00	0.62	1.05	0.08	3.09						
LCCX4-38BD-L^				3/8	0.75 – 1.00	0.62	1.05	0.08	3.09						

‡Visit www.panduit.com/tools for tool and die information.
*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
^Slotted lug, refer to Figure 2.

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Flex Conductor, Two-Hole, Long Barrel with Window Lug (continued)

	Part Number	Flex Conductor Size: Class G, H, I, K, M	Flex Conductor Size: Diesel Locomotive	Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.): W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCCX2-14A-E*	#2 AWG	#2 AWG	#2 AWG	1/4	0.63	0.70	1.36	0.11	2.89	Brown	P33	10	33	1 7/16	20
	LCCX2-14B-E*				1/4	0.75	0.70	1.36	0.11	3.01						
	LCCX2-38D-E*				3/8	1.00	0.70	1.36	0.11	3.46						
	LCCX2-12-E*				1/2	1.75	0.75	1.36	0.09	4.63						
	LCCX1-14A-X	#1 AWG	#1 AWG	#1 AWG	1/4	0.63	0.76	1.44	0.12	3.07	Green	P37	11	37	1 1/2	10
	LCCX1-14B-X				1/4	0.75	0.76	1.44	0.12	3.19						
	LCCX1-14D-X				1/4	1.00	0.76	1.44	0.12	3.44						
	LCCX1-56C-X				5/16	0.88	0.76	1.44	0.12	3.37						
	LCCX1-56D-X				5/16	1.00	0.76	1.44	0.12	3.50						
	LCCX1-38D-X				3/8	1.00	0.76	1.44	0.12	3.57						
	LCCX1/0-14A-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	0.63	0.85	1.50	0.13	3.23	Pink	P42	12	42	1 9/16	10
	LCCX1/0-14B-X				1/4	0.75	0.85	1.50	0.13	3.36						
	LCCX1/0-38D-X				3/8	1.00	0.85	1.50	0.13	3.67						
	LCCX1/0-12-X				1/2	1.75	0.85	1.50	0.13	4.83						
	LCCX2/0-14A-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	0.63	0.96	1.50	0.13	3.27	Black	P45	13	45	1 9/16	10
	LCCX2/0-14B-X				1/4	0.75	0.96	1.50	0.13	3.39						
	LCCX2/0-38D-X				3/8	1.00	0.96	1.50	0.13	3.70						
	LCCX2/0-12-X				1/2	1.75	0.96	1.50	0.13	4.87						
	LCCX3/0-14B-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	0.75	1.06	1.56	0.14	3.48	Orange	P50	14	50	1 5/8	10
	LCCX3/0-38D-X				3/8	1.00	1.06	1.56	0.14	3.81						
	LCCX4/0-14B-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	0.75	1.19	2.24	0.16	4.07	Purple	P54	15	54	2 5/16	10
	LCCX4/0-38D-X				3/8	1.00	1.19	2.24	0.16	4.55						
◆	LCCX4/0-12-X				1/2	1.75	1.19	2.24	0.16	5.73						
	LCCX250-14B-X	250 kcmil	262.6 kcmil	—	1/4	0.75	1.28	2.24	0.17	4.11	Yellow	P62	16	62	2 5/16	10
	LCCX250-38D-X				3/8	1.00	1.28	2.24	0.17	4.59						
◆	LCCX250-12-X				1/2	1.75	1.28	2.24	0.17	5.77						
	LCCX300-38D-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	2.30	0.18	4.67	Red	P71	18	71H	2 3/8	6
	LCCX300-12-6				1/2	1.75	1.39	2.30	0.18	5.85						
	LCCX350-14B-6	350 kcmil	373.7 kcmil	—	1/4	0.75	1.54	2.50	0.22	4.47	Blue	P76	19	76H	2 9/16	6
	LCCX350-38D-6				3/8	1.00	1.54	2.50	0.22	4.95						
◆	LCCX350-12-6				1/2	1.75	1.54	2.50	0.22	6.13						
◆	LCCX450-12-6	450 kcmil	444.4 kcmil	—	1/2	1.75	1.70	2.69	0.26	6.37	Brown	P87	20	87	2 3/4	6
	LCCX500-38D-6	500 kcmil	535.3 kcmil	—	3/8	1.00	1.89	2.88	0.26	5.72	Pink	P99	L99	99H	2 15/16	6
◆	LCCX500-12-6				1/2	1.75	1.89	2.88	0.26	6.66						
◆	LCCX650-12-6	—	646.4 kcmil	—	1/2	1.75	1.95	2.94	0.30	6.75	Black	P106	24	106H	3.00	6

‡Visit www.panduit.com/tools for tool and die information.
*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
^Slotted lug, refer to Figure 2.
◆NEMA hole sizes and spacing.

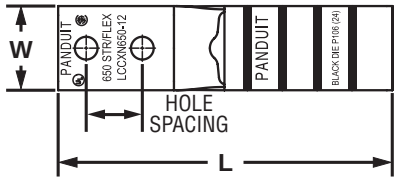
Flex Conductor, Two-Hole, Long Barrel with Window, Narrow Tongue Lug

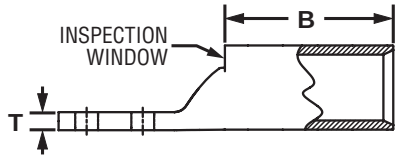
c UL us LISTED CSA CERTIFIED

For Use with Flexible and Extra-Flexible Stranded Copper Conductors

Type LCCXN

- Narrow tongue width for limited space applications
- Can be used with flex conductor class: G, H, I, K, M and Diesel Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Available with NEMA hole sizes and spacing





	Part Number	Flex Conductor Size: Class G, H, I, K, M	Flex Conductor Size: Diesel Locomotive	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.): W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCCXN2-14A-E	2 AWG	2 AWG	1/4	0.625	0.47	1.36	0.13	3.01	Brown	P33	10	33	1 7/16	20
	LCCXN2-14B-E			1/4	0.75	0.47	1.36	0.13	3.01						
	LCCXN2-14D-E			1/4	1.0	0.47	1.36	0.13	3.01						
◆	**LCCXN450-12-6**	450 kcmil	444.4 kcmil	1/2	1.75	1.19	2.69	0.33	6.41	Brown	P87	20	87H	2 3/4	6
◆	**LCCXN500-12-6**	500 kcmil	535.3 kcmil	1/2	1.75	1.30	2.88	0.32	6.71	Pink	P99	L99	99H	2 15/16	6
◆	**LCCXN650-12-6**	–	646.4 kcmil	1/2	1.75	1.35	2.94	0.36	6.78	Black	P106	24	106	3	6
◆	**LCCXN750-12-3**	–	750 kcmil	1/2	1.75	1.5	3	0.32	6.9	Yellow	P115	L115	115H	3	3

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆NEMA hole sizes and spacing.

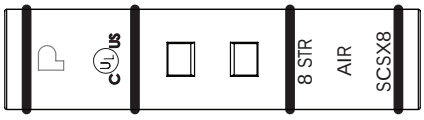
Order number of pieces required, in multiples of Standard Package Quantity.

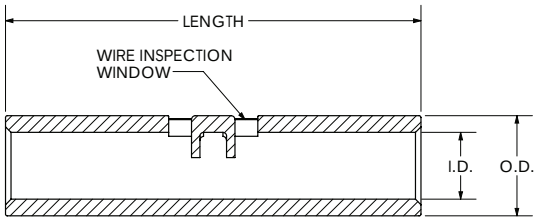
Uninsulated Butt Splice

For Use with Stranded Copper Conductor

Type SCSX

- Can be used with flex conductor classes: G, H, I, K, M and Diesel Locomotive
- Can be used with Code conductors: Class B: compact, compressed and concentric, Class C: concentric
- Can be used with MIL-W-5086 aircraft wire
- Inspection windows in barrel to visually inspect wire is fully inserted into the barrel
- Color-coded barrels marked with Panduit die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin-plated to inhibit corrosion
- UL Listed to 35 kV** and temperature rated to 90°C when crimped with Panduit and select Burndy crimping tools and dies





Part Number	Classes B, C, G, H, I, K, M Diesel Locomotive and MIL-W-5086 Aircraft	Barrel O.D (In.)	Barrel I.D. (In.)	Length (In.)	Panduit Color Code	Panduit Die Index No.	Burndy Die Index No.	Wire Strip Length (In.)	Std. Pkg. Qty.
SCSX8-L	#8 AWG	0.27	0.18	1.12	Red	P21	49	9/16	50
SCSX6-L	#6 AWG	0.31	0.22	1.12	Blue	P24	7	9/16	
SCSX4-L	#4 AWG	0.38	0.28	1.18	Gray	P29	8	5/8	
SCSX2/0-X	2/0 AWG	0.64	0.51	1.82	Black	P45	13	7/8	10
SCSX4/0-X	4/0 AWG	0.81	0.65	2.24	Purple	P54	15	1-1/16	

**Consult with cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

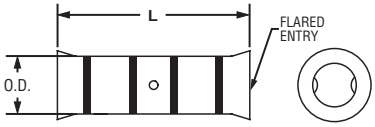
Flex Conductor, Standard Barrel, Flared, NEBS Butt Splice

LISTED CERTIFIED

For Use with Flexible and Extra-Flexible Copper Conductors

Type SCSF

- Can be used with flex conductor class: K, M, and Diesel Locomotive
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color-coded barrels marked with Panduit die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit crimping tools and dies
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping approved



Part Number	Flex Conductor Size		Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive	Barrel O.D.	L				
SCSF8-L	—	#8 AWG	0.27	1.50	Red	P21	11/16	50
SCSF6-L	#6 AWG	#6 AWG	0.31	1.75	Blue	P24	13/16	
SCSF4-L	#4 AWG	#4 AWG	0.38	1.75	Gray	P29	13/16	
SCSF2-E	#2 AWG	#2 AWG	0.47	1.87	Brown	P33	7/8	20
SCSF1-X	#1 AWG	#1 AWG	0.52	1.87	Pink	P42	7/8	10
SCSF1/0-X	1/0 AWG	1/0 AWG	0.58	2.50	Black	P45	1 3/16	
SCSF2/0-X	2/0 AWG	2/0 AWG	0.64	2.50	Orange	P50	1 3/16	
SCSF3/0-X	3/0 AWG	3/0 AWG	0.71	2.50	Purple	P54	1 3/16	
SCSF4/0-X	4/0 AWG	4/0 AWG	0.77	2.50	Yellow	P62	1 3/16	
SCSF250-X	250 kcmil	262.6 kcmil	0.88	2.50	White	P66	1 3/16	
SCSF300-6	300 kcmil	313.1 kcmil	0.95	2.56	Red	P71	1 1/4	6
SCSF350-6	350 kcmil	373.7 kcmil	1.06	2.94	Blue	P76	1 1/2	

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Order number of pieces required, in multiples of Standard Package Quantity.

Code/Flex Conductor, with Window, In-Line Reducing Splice Kit

Type RSCK

- Includes all components in one package for making a complete electrical connection: Panduit copper compression RSC in-line reducing splice (see pages D2.45 and D2.46) and crystal clear PVC heat shrink sleeves pre-cut to length to insulate reducing splice
- Panduit® RSC in-line reducing splice is UL Listed and temperature rated to 90°C when crimped with Panduit crimping tools and dies
- Panduit crystal clear PVC heat shrink has a UL 224 VW-1 flammability rating and passes Telcordia GR-347-CORE Compression and Cut-Through Penetration Test and Abrasion Resistance Test
- Panduit crystal clear PVC heat shrink is UL Recognized with a temperature rating of 150°C, high temperature insulating property
- Rated for 600 V applications when Panduit crystal clear PVC heat shrink is applied

Part Number	Part Description	Std. Pkg. Qty.
RSCK4-6-1	Kit contains: 1 pc. RSC4-6-L copper compression in-line reducing splice. 1 pc. HSTTPN50-713-Q crystal clear PVC heat shrink 1/2" dia. x 7.125" long.	1
RSCK2-6-1	Kit contains: 1 pc. RSC2-6-Q copper compression in-line reducing splice. 1 pc. HSTTPN62-750-Q crystal clear PVC heat shrink 5/8" dia. x 7.500" long.	
RSCK2-4-1	Kit contains: 1 pc. RSC2-4-Q copper compression in-line reducing splice. 1 pc. HSTTPN62-750-Q crystal clear PVC heat shrink 5/8" dia. x 7.500" long.	
RSCK1/0-6-1	Kit contains: 1 pc. RSC1/0-6-X copper compression in-line reducing splice. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	
RSCK1/0-4-1	Kit contains: 1 pc. RSC1/0-4-X copper compression in-line reducing splice. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	
RSCK2/0-6-1	Kit contains: 1 pc. RSC2/0-6-X copper compression in-line reducing splice. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long	
RSCK2/0-4-1	Kit contains: 1 pc. RSC2/0-4-X copper compression in-line reducing splice. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	
RSCK4/0-6-1	Kit contains: 1 pc. RSC4/0-6-X copper compression in-line reducing splice. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	
RSCK4/0-4-1	Kit contains: 1 pc. RSC4/0-4-X copper compression in-line reducing splice. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	
RSCK4/0-1/0-1	Kit contains: 1 pc. RSC4/0-1/0-X copper compression in-line reducing splice. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long.	
RSCK4/0-2/0-1	Kit contains: 1 pc. RSC4/0-2/0-X copper compression in-line reducing splice. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long.	
RSCK500-X4/0-1	Kit contains: 1 pc. RSC500-X4/0-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	

A
B1
B2
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D1
D2
D3
E1
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H

Continued on next page

Code/Flex Conductor, with Window, In-Line Reducing Splice Kit (continued)

Part Number	Part Description	Std. Pkg. Qty.
RSCK500-X350-1	Kit contains: 1 pc. RSC500-X350-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSCK750-4/0-1	Kit contains: 1 pc. RSC750-4/0-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long.	
RSCK750-X4/0-1	Kit contains: 1 pc. RSC750-X4/0-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	
RSCK750-X350-1	Kit contains: 1 pc. RSC750-X350-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	
RSCK750-500-1	Kit contains: 1 pc. RSC750-500-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	
RSCK750-X500-1	Kit contains: 1 pc. RSC750-X500-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	
RSCK750-750-1	Kit contains: 1 pc. RSC750-750-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	
RSCKX750-4/0-1	Kit contains: 1 pc. RSCX750-4/0-3 copper compression in-line reducing splice. 1 pc. HSTTPN200-950-X crystal clear PVC heat shrink 2" dia. x 9.500" long. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long.	
RSCKX750-750-1	Kit contains: 1 pc. RSCX750-750-3 copper compression in-line reducing splice. 1 pc. HSTTPN200-950-X crystal clear PVC heat shrink 2" dia. x 9.500" long.	

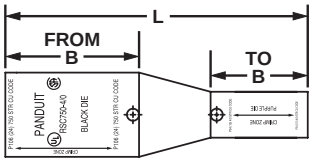
Order number of pieces required, in multiples of Standard Package Quantity.

Code/Flex Conductor, with Window, In-Line Reducing Splice

For Use with Stranded Copper Code and Class I Flex Conductors

Type RSC

- Low profile design provides minimum space requirements
- Manufactured from seamless, high conductivity copper tubing
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection windows in each barrel to visually assure full conductor insertion
- Generous internally beveled wire entry for easy conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies



Part Number		Code Conductor Size	Figure Dimensions (In.) B	Figure Dimensions (In.) L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
RSC4-6-L	Reduces From	#4 – 3 AWG STR,#2 AWG SOL	1.05	2.54	Gray	P29	8	29	1	1
	Reduces To	#6 AWG	1.38		Blue	P24	7	24	1 5/16	
RSC2-6-Q	Reduces From	#2 AWG	1.05	2.62	Brown	P33	10	33	1	
	Reduces To	#6 AWG	1.38		Blue	P24	7	34	1 5/16	
RSC2-4-Q	Reduces From	#2 AWG	1.05	2.50	Brown	P33	10	33	1	
	Reduces To	#4 – 3 AWG STR,#2 AWG SOL	1.38		Gray	P29	8	29	1 5/16	
RSC1/0-6-X	Reduces From	1/0 AWG	1.05	2.81	Pink	P42	12	42	1	
	Reduces To	#6 AWG	1.38		Blue	P24	7	24	1 5/16	
RSC1/0-4-X	Reduces From	1/0 AWG	1.05	2.70	Pink	P42	12	42	1	
	Reduces To	#4 – 3 AWG STR,#2 AWG SOL	1.38		Gray	P29	8	29	1 5/16	
RSC2/0-6-X	Reduces From	2/0 AWG	1.13	2.99	Black	P45	13	45	1 1/16	
	Reduces To	#6 AWG	1.38		Blue	P24	7	24	1 5/16	

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Continued on next page

Code/Flex Conductor, with Window, In-Line Reducing Splice (continued)

Part Number		Code Conductor Size	Figure Dimensions (In.) B	Figure Dimensions (In.) L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
RSC2/0-4-X	Reduces From	2/0 AWG	1.13	2.88	Black	P45	13	45	1 1/16	1
	Reduces To	#4 – 3 AWG STR,#2 AWG SOL	1.38		Gray	P29	8	29	1 5/16	
RSC4/0-6-X	Reduces From	4/0 AWG	1.13	3.24	Purple	P54	15	54	1 1/16	
	Reduces To	#6 AWG	1.38		Blue	P24	7	24	1 5/16	
RSC4/0-4-X	Reduces From	4/0 AWG	1.13	3.12	Purple	P54	15	54	1 1/16	
	Reduces To	#4 – 3 AWG STR,#2 AWG SOL	1.38		Gray	P29	8	29	1 5/16	
RSC4/0-1/0-X	Reduces From	4/0 AWG	1.16	3.13	Purple	P54	15	54	1 1/16	
	Reduces To	1/0 AWG	1.63		Pink	P42	12	42	1 9/16	
RSC4/0-2/0-X	Reduces From	4/0 AWG	1.16	2.90	Purple	P54	15	54	1 1/16	
	Reduces To	2/0 AWG	1.50		Black	P45	13	45	1 7/16	
RSC500-X4/0-6	Reduces From	500 kcmil	1.94	3.97	Brown	P87	20	87	1 7/8	
	Reduces To	4/0 Flex	1.50		Yellow	P62	16	62	1 7/16	
RSC500-X350-6	Reduces From	500 kcmil	1.94	4.38	Brown	P87	20	87	1 7/8	
	Reduces To	350 Flex	1.94		Blue	P76	19	76	1 7/8	
RSC750-4/0-6	Reduces From	750 kcmil	2.06	4.66	Black	P106	24	106	2	
	Reduces To	4/0 AWG	1.50		Purple	P54	15	54	1 5/8	
RSC750-X4/0-6	Reduces From	750 kcmil	2.06	4.54	Black	P106	24	106	2	
	Reduces To	4/0 Flex	1.50		Yellow	P62	16	62	1 7/16	
RSC750-X350-6	Reduces From	750 kcmil	2.06	4.45	Black	P106	24	106	2	
	Reduces To	350 Flex	1.94		Blue	P76	19	76	1 7/8	
RSC750-500-6	Reduces From	750 kcmil	2.06	4.45	Black	P106	24	106	2	
	Reduces To	500 kcmil	1.94		Brown	P87	20	87	1 7/8	
RSC750-X500-6	Reduces From	750 kcmil	2.06	4.63	Black	P106	24	106	2	
	Reduces To	500 Flex	2.06		Pink	P99	400	99	2	
RSC750-750-6	Reduces From	750 kcmil	2.06	4.63	Black	P106	24	106	2	
	Reduces To	750 kcmil	2.06		Black	P106	24	106	2	
RSCX750-4/0-3	Reduces From	750 Flex	2.06	5.04	Yellow	P115	115	115	2	
	Reduces To	4/0 AWG	1.50		Purple	P54	15	54	1 5/8	
RSCX750-750-3	Reduces From	750 Flex	2.06	4.50	Yellow	P115	115	115	2	
	Reduces To	750 kcmil	2.06		Black	P106	24	106	2	

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

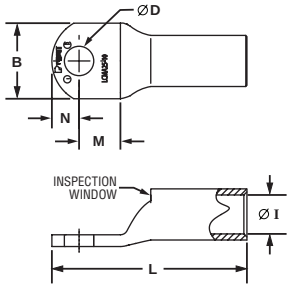
Order number of pieces required, in multiples of Standard Package Quantity.

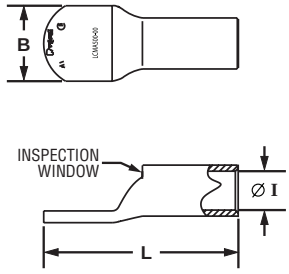
Metric Conductor, One-Hole, Standard Barrel with Window Lug

For Use with Class 2R Rigid Strand and Flexible Strand Class 5F and 6F Copper Conductors

Type LCMA

- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit tools and dies
- Approved for Marine use by American Bureau of Shipping
- Meets EN61238-1:2003/IEC 61238-1-2003 Class B for 4mm²-240mm² Class 2r wire sizes
- Class 2r, Class 5f and Class 6f wire sizes and stud hole size marked on connector for selection and installation
- CE compliant sizes 4mm²-240mm² Class 2r wire sizes
- Product information marked on connector for selection and installation
- Rounded tongue for use in tight spaces
- Internally beveled wire entry for fast and easy installation





Part Number	Copper Conductor Size Class 2r (mm²)	Copper Conductor Size class 5f/6f*** (mm²)	Stud Hole Size (mm)	Figure Dimensions (mm)					Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMA2.5-4-C	2.5	—	M4	2.4	8	5	4	18	100
LCMA6-5-C	4 – 6	4 – 6^	M5	3.8	10	7.8	6.2	27.5	
LCMA6-6-C	4 – 6	4 – 6^	M6	3.8	10.8	7.8	6.2	27.5	
LCMA6-8-C	4 – 6	4 – 6^	M8	3.8	13	8	8	30.5	
LCMA6-10-C	6	4-6^	M10	3.8	15	11	9	34.5	
LCMA10-5-C	10	—	M5	4.5	11	9.8	6	30.8	
LCMA10-6-C	10	—	M6	4.5	11	9.8	6	30.8	
LCMA10-8-C	10	—	M8	4.5	13	8.5	8	30.8	
LCMA10-10-C	10	—	M10	4.4	14.5	8.5	8	30.8	
LCMA10-12-C	10	—	M12	4.36	20	13	10.5	40.5	
LCMA16-5-C	16	10	M5	5.5	13	10.3	6.5	34.5	
LCMA16-6-C	16	10	M6	5.5	13	10.3	6.5	34.5	
LCMA16-8-C	16	10	M8	5.5	13	10.3	6.5	34.5	
LCMA16-10-C	16	10	M10	5.5	15	10.2	8	36.7	
LCMA25-5-C	25	16	M5	6.9	14	10	8	37	
LCMA25-6-C	25	16	M6	6.9	14	10	8	37	
LCMA25-8-C	25	16	M8	6.9	15.5	10	8	37	
LCMA25-10-C	25	16	M10	6.9	15.5	10	8	37	
LCMA35-6-C	35	25	M6	8.2	15.5	12.3	8.5	42	
LCMA35-8-C	35	25	M8	8.2	15.5	12.3	8.5	42	
LCMA35-10-C	35	25	M10	8.2	15.5	12.3	8.5	42	
LCMA35-12-C	35	25	M12	8.2	21.5	14.5	11.5	48	
LCMA50-6-L	50	35	M6	9.8	18	11.5	10	46.5	50
LCMA50-8-L	50	35	M8	9.8	18	11.5	10	46.5	
LCMA50-10-L	50	35	M10	9.8	18	11.5	10	46.5	
LCMA50-12-L	50	35	M12	9.8	23	14	11	50	

Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
***Not CE compliant and not tested to EN 61238-:2003/IEC 61238-1:2003 for terminations with metric Class 5f or Class 6f flexible stranded conductor.
^Class 5f conductor only

Continued on next page

LISTED CERTIFIED

Metric Conductor, One-Hole, Standard Barrel with Window Lug (continued)

Part Number	Copper Conductor Size Class 2r (mm²)	Copper Conductor Size class 5f/6f*** (mm²)	Stud Hole Size (mm)	Figure Dimensions (mm)					Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMA70-6-L	70	50	M6	11.5	20.8	14.5	11.5	53.5	50
LCMA70-8-L	70	50	M8	11.5	20.8	14.5	11.5	53.5	
LCMA70-10-L	70	50	M10	11.5	20.8	14.5	11.5	53.5	
LCMA70-12-L	70	50	M12	11.5	20.8	14.5	11.5	53.5	
LCMA95-6-L	95	70	M6	13.5	24.5	15	13.5	60.5	
LCMA95-8-L	95	70	M8	13.5	24.5	15	13.5	60.5	
LCMA95-10-L	95	70	M10	13.5	24.5	15	13.5	60.5	
LCMA95-12-L	95	70	M12	13.5	24.5	15	13.5	60.5	
LCMA95-16-L	95	70	M16	13.5	24.5	15	13.5	60.5	
LCMA120-8-L	120	95	M8	15.2	27.5	15.5	14.5	65	
LCMA120-10-L	120	95	M10	15.2	27.5	15.5	14.5	65	
LCMA120-12-L	120	95	M12	15.2	27.5	15.5	14.5	65	
LCMA120-14-L	120	95	M14	15.2	27.5	15.5	14.5	65	
LCMA120-16-L	120	95	M16	15.2	27.5	15.5	14.5	65	
LCMA150-8-X	150	120	M8	16.5	30.5	18	16.5	70.5	10
LCMA150-10-X	150	120	M10	16.5	30.5	18	16.5	70.5	
LCMA150-12-X	150	120	M12	16.5	30.5	18	16.5	70.5	
LCMA150-16-X	150	120	M16	16.5	30.5	18	16.5	70.5	
LCMA150-20-X	150	120	M20	16.5	30.5	22	16.5	74	
LCMA185-8-X	185	150	M8	18.6	33.5	16.5	17.5	72.5	
LCMA185-10-X	185	150	M10	18.6	33.5	16.5	17.5	72.5	
LCMA185-12-X	185	150	M12	18.6	33.5	16.5	17.5	72.5	
LCMA185-16-X	185	150	M16	18.6	33.5	16.5	17.5	72.5	
LCMA185-20-X	185	150	M20	18.6	33.5	21	17.5	77	
LCMA240-10-X	240	185	M10	20.8	37.5	21	19.5	86.5	
LCMA240-12-X	240	185	M12	20.8	37.5	21	19.5	86.5	
LCMA240-16-X	240	185	M16	20.8	37.5	21	19.5	86.5	
LCMA240-20-X	240	185	M20	20.8	37.5	21	19.5	86.5	
LCMA300-10-5	300	240	M10	23.5	42.5	22	20	94.5	5
LCMA300-12-5	300	240	M12	23.5	42.5	22	20	94.5	
LCMA300-16-5	300	240	M16	23.5	42.5	22	20	94.5	
LCMA300-20-5	300	240	M20	23.5	42.5	22	20	94.5	
LCMAX300-10-5	—	300^	M10	26.2	48.0	26.5	23.5	107.0	
LCMAX300-12-5	—	300^	M12	26.2	48.0	26.5	23.5	107.0	
LCMAX300-16-5	—	300^	M16	26.2	48.0	26.5	23.5	107.0	
LCMAX300-20-5	—	300^	M20	26.2	48.0	26.5	23.5	107.0	
LCMA400-12-5	400	—	M12	27	49.5	26.5	23.5	107	
LCMA400-16-5	400	—	M16	27	49.5	26.5	23.5	107	
LCMA400-20-5	400	—	M20	27	49.5	26.5	23.5	107	
LCMA500-12-1	500	—	M12	31	57.5	28.5	25.5	120	1
LCMA500-16-1	500	—	M16	31	57.5	28.5	25.5	120	
LCMA500-20-1	500	—	M20	31	57.5	28.5	25.5	120	
LCMA500-00-1	500	—	Blank	31	57.5	—	—	120	
LCMA630-12-1	630	—	M12	34.5	63	28.5	27.5	132	
LCMA630-16-1	630	—	M16	34.5	63	28.5	27.5	131	
LCMA630-20-1	630	—	M20	34.5	63	28.5	27.5	131	
LCMA630-00-1	630	—	Blank	34.5	63	—	—	131	

Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
***Not CE compliant and not tested to EN 61238-:2003/IEC 61238-1:2003 for terminations with metric Class 5f or Class 6f flexible stranded conductor.
^Class 5f conductor only

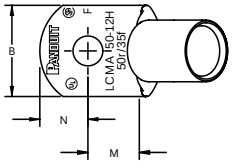
Order number of pieces required, in multiples of Standard Package Quantity.

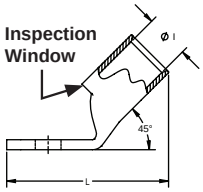
Rigid and Flexible Stranded Metric Conductor, One-Hole, Standard Barrel with Window Lug, 45˚ Angle

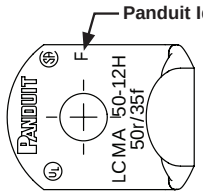
For Use with Class 2R Rigid Strand and Flexible Strand Class 5F and 6F Copper Conductors

Type LCMA-H

- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit tools and dies
- Approved for Marine use by American Bureau of Shipping
- Class 2r, Class 5f and Class 6f wire sizes and stud hole size marked on connector for selection and installation
- Rounded tongue for use in tight spaces
- Internally beveled wire entry for fast and easy installation
- Meets EN61238-1:2003/IEC 61238-1-2003 Class B for 4mm²-240mm² Class 2r wire sizes
- CE compliant sizes 4mm²-240mm² Class 2r wire sizes







Rigid and Flexible Stranded Conductor Sizes Marked on Part

Part Number	Copper Conductor Size Class 2r (mm²)	Copper Conductor Size class 5f/6f^ (mm²)	Stud Hole Size (mm)	Figure Dimensions					Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMA10-5H-C	10	—	M5	4.5	11	9.8	6	27.6	100
LCMA10-6H-C	10	—	M6	4.5	11	9.8	6	27.6	
LCMA10-8H-C	10	—	M8	4.5	13	8.5	8	27.7	
LCMA10-10H-C	10	—	M10	4.4	14.5	8.5	8	28	
LCMA16-5H-C	16	10	M5	5.5	13	10.3	6.5	30.4	
LCMA16-6H-C	16	10	M6	5.5	13	10.3	6.5	30.4	
LCMA16-8H-C	16	10	M8	5.5	13	10.3	6.5	30.3	
LCMA16-10H-C	16	10	M10	5.5	15	10.2	8	32.3	
LCMA25-5H-C	25	16	M5	6.9	14	10	8	31.8	
LCMA25-6H-C	25	16	M6	6.9	14	10	8	31.8	
LCMA25-8H-C	25	16	M8	6.9	15.5	10	8	31.8	
LCMA25-10H-C	25	16	M10	6.9	15.5	10	8	31.7	
LCMA35-6H-C	35	25	M6	8.2	15.5	12.3	8.5	36.7	
LCMA35-8H-C	35	25	M8	8.2	15.5	12.3	8.5	36.7	
LCMA35-10H-C	35	25	M10	8.2	15.5	12.3	8.5	36.7	
LCMA35-12H-C	35	25	M12	8.2	21.5	14.5	11.5	42.1	
LCMA50-6H-L	50	35	M6	9.8	18	11.5	10	40.1	50
LCMA50-8H-L	50	35	M8	9.8	18	11.5	10	40.1	
LCMA50-10H-L	50	35	M10	9.8	18	11.5	10	40.1	
LCMA50-12H-L	50	35	M12	9.8	23	14	11	43.1	

Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
^Not CE compliant and not tested to EN 61238-:2003/IEC 61238-1:2003 for terminations with metric Class 5f or Class 6f flexible stranded conductor.

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Rigid and Flexible Stranded Metric Conductor, One-Hole, Standard Barrel with Window Lug, 45° Angle (continued)

Part Number	Copper Conductor Size Class 2r (mm²)	Copper Conductor Size class 5f/6f^ (mm²)	Stud Hole Size (mm)	Figure Dimensions					Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMA70-6H-L	70	50	M6	11.5	20.8	14.5	11.5	46.8	50
LCMA70-8H-L	70	50	M8	11.5	20.8	14.5	11.5	46.8	
LCMA70-10H-L	70	50	M10	11.5	20.8	14.5	11.5	46.8	
LCMA70-12H-L	70	50	M12	11.5	20.8	14.5	11.5	46.7	
LCMA95-6H-L	95	70	M6	13.5	24.5	15	13.5	52.6	
LCMA95-8H-L	95	70	M8	13.5	24.5	15	13.5	52.6	
LCMA95-10H-L	95	70	M10	13.5	24.5	15	13.5	52.6	
LCMA95-12H-L	95	70	M12	13.5	24.5	15	13.5	52.6	
LCMA95-16H-L	95	70	M16	13.5	24.5	15	13.5	52.5	
LCMA120-8H-L	120	95	M8	15.2	27.5	15.5	14.5	56.6	
LCMA120-10H-L	120	95	M10	15.2	27.5	15.5	14.5	56.6	
LCMA120-12H-L	120	95	M12	15.2	27.5	15.5	14.5	56.6	
LCMA120-16H-L	120	95	M16	15.2	27.5	15.5	14.5	56.6	
LCMA150-8H-X	150	120	M8	16.5	30.5	18	16.5	64.7	10
LCMA150-10H-X	150	120	M10	16.5	30.5	18	16.5	64.7	
LCMA150-12H-X	150	120	M12	16.5	30.5	18	16.5	64.7	
LCMA150-16H-X	150	120	M16	16.5	30.5	18	16.5	64.6	
LCMA150-20H-X	150	120	M20	16.5	30.5	22	16.5	68.3	
LCMA185-8H-X	185	150	M8	18.6	33.5	16.5	17.5	66	
LCMA185-10H-X	185	150	M10	18.6	33.5	16.5	17.5	66	
LCMA185-12H-X	185	150	M12	18.6	33.5	16.5	17.5	66	
LCMA185-16H-X	185	150	M16	18.6	33.5	16.5	17.5	66	
LCMA185-20H-X	185	150	M20	18.6	33.5	21	17.5	70.5	
LCMA240-10H-X	240	185	M10	20.8	37.5	21	19.5	79.3	
LCMA240-12H-X	240	185	M12	20.8	37.5	21	19.5	79.3	
LCMA240-16H-X	240	185	M16	20.8	37.5	21	19.5	79.3	
LCMA240-20H-X	240	185	M20	20.8	37.5	21	19.5	79.3	
LCMA300-10H-5	300	240	M10	23.5	42.5	22	20	85.5	5
LCMA300-12H-5	300	240	M12	23.5	42.5	22	20	82.5	
LCMA300-16H-5	300	240	M16	23.5	42.5	22	20	85.5	
LCMA300-20H-5	300	240	M20	23.5	42.5	22	20	85.4	
LCMAX300-10H-5^	–	300*	M10	26.2	48	26.5	23.5	98.4	
LCMAX300-12H-5^	–	300*	M12	26.2	48	26.5	23.5	98.4	
LCMAX300-16H-5^	–	300*	M16	26.2	48	26.5	23.5	98.4	
LCMAX300-20H-5^	–	300*	M20	26.2	48	26.5	23.5	98.4	

Visit www.panduit.com/tools for tool and die information.
*Class 5f conductor only.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
^Not CE compliant and not tested to EN 61238-:2003/IEC 61238-1:2003 for terminations with metric Class 5f or Class 6f flexible stranded conductor.

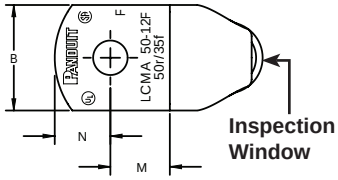
Order number of pieces required, in multiples of Standard Package Quantity.

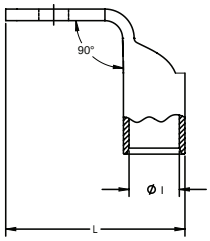
Rigid and Flexible Stranded Metric Conductor, One-Hole, Standard Barrel with Window Lug, 90˚ Angle

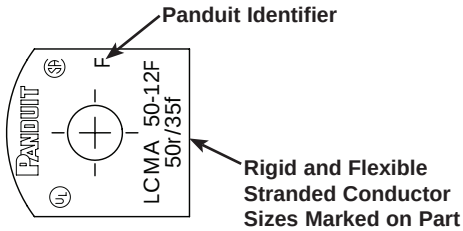
For Use with Class 2R Rigid Strand and Flexible Strand Class 5F and 6F Copper Conductors

Type LCMA-F

- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit tools and dies
- Approved for Marine use by American Bureau of Shipping
- Class 2r, Class 5f and Class 6f wire sizes and stud hole size marked on connector for selection and installation
- Rounded tongue for use in tight spaces
- Internally beveled wire entry for fast and easy installation
- Meets EN61238-1:2003/IEC 61238-1-2003 Class B for 4mm²-240mm² Class 2r wire sizes
- CE compliant sizes 4mm²-240mm² Class 2r wire sizes







Part Number	Copper Conductor Size Class 2r (mm²)	Copper Conductor Size class 5f/6f^ (mm²)	Stud Hole Size (mm)	Figure Dimensions					Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMA10-5F-C	10	–	M5	4.5	11	9.8	6	24.5	100
LCMA10-6F-C	10	–	M6	4.5	11	9.8	6	24.5	
LCMA10-8F-C	10	–	M8	4.5	13	8.5	8	25.2	
LCMA10-10F-C	10	–	M10	4.4	14.5	8.5	8	26.2	
LCMA16-5F-C	16	10	M5	5.5	13	10.3	6.5	26.5	
LCMA16-6F-C	16	10	M6	5.5	13	10.3	6.5	26.5	
LCMA16-8F-C	16	10	M8	5.5	13	10.3	6.5	26.5	
LCMA16-10F-C	16	10	M10	5.5	15	10.2	8	27.9	
LCMA25-5F-C	25	16	M5	6.9	14	10	8	29.9	
LCMA25-6F-C	25	16	M6	6.9	14	10	8	29.9	
LCMA25-8F-C	25	16	M8	6.9	15.5	10	8	29.3	
LCMA25-10F-C	25	16	M10	6.9	15.5	10	8	29.9	
LCMA35-6F-C	35	25	M6	8.2	15.5	12.3	8.5	34.7	
LCMA35-8F-C	35	25	M8	8.2	15.5	12.3	8.5	34.7	
LCMA35-10F-C	35	25	M10	8.2	15.5	12.3	8.5	34.7	
LCMA35-12F-C	35	25	M12	8.2	21.5	14.5	11.5	40	
LCMA50-6F-L	50	35	M6	9.8	18	11.5	10	38.4	50
LCMA50-8F-L	50	35	M8	9.8	18	11.5	10	38.4	
LCMA50-10F-L	50	35	M10	9.8	18	11.5	10	38.4	
LCMA50-12F-L	50	35	M12	9.8	23	14	11	41.9	
LCMA70-6F-L	70	50	M6	11.5	20.8	14.5	11.5	42.3	
LCMA70-8F-L	70	50	M8	11.5	20.8	14.5	11.5	42.3	
LCMA70-10F-L	70	50	M10	11.5	20.8	14.5	11.5	42.3	
LCMA70-12F-L	70	50	M12	11.5	20.8	14.5	11.5	42.3	
LCMA95-6F-L	95	70	M6	13.5	24.5	15	13.5	50.1	
LCMA95-8F-L	95	70	M8	13.5	24.5	15	13.5	50.1	
LCMA95-10F-L	95	70	M10	13.5	24.5	15	13.5	50.1	
LCMA95-12F-L	95	70	M12	13.5	24.5	15	13.5	50.1	
LCMA95-16F-L	95	70	M16	13.5	24.5	15	13.5	50.1	

Visit www.panduit.com/tools for tool and die information.
*Class 5f conductor only.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
^Not CE compliant and not tested to EN 61238-:2003/IEC 61238-1:2003 for terminations with metric Class 5f or Class 6f flexible stranded conductor.

Continued on next page

Rigid and Flexible Stranded Metric Conductor, One-Hole, Standard Barrel with Window Lug, 90° Angle (continued)

Part Number	Copper Conductor Size Class 2r (mm²)	Copper Conductor Size class 5f/6f^ (mm²)	Stud Hole Size (mm)	Figure Dimensions					Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMA120-8F-L	120	95	M8	15.2	27.5	15.5	14.5	54.2	50
LCMA120-10F-L	120	95	M10	15.2	27.5	15.5	14.5	54.2	
LCMA120-12F-L	120	95	M12	15.2	27.5	15.5	14.5	54.2	
LCMA120-16F-L	120	95	M16	15.2	27.5	15.5	14.5	54.2	
LCMA150-8F-X	150	120	M8	16.5	30.5	18	16.5	60.5	10
LCMA150-10F-X	150	120	M10	16.5	30.5	18	16.5	60.5	
LCMA150-12F-X	150	120	M12	16.5	30.5	18	16.5	60.5	
LCMA150-16F-X	150	120	M16	16.5	30.5	18	16.5	60.5	
LCMA150-20F-X	150	120	M20	16.5	30.5	22	16.5	64.5	
LCMA185-8F-X	185	150	M8	18.6	33.5	16.5	17.5	62	
LCMA185-10F-X	185	150	M10	18.6	33.5	16.5	17.5	62	
LCMA185-12F-X	185	150	M12	18.6	33.5	16.5	17.5	62	
LCMA185-16F-X	185	150	M16	18.6	33.5	18.5	17.5	64	
LCMA185-20F-X	185	150	M20	18.6	33.5	21	17.5	66.5	
LCMA240-10F-X	240	185	M10	20.8	37.5	21	19.5	71.5	
LCMA240-12F-X	240	185	M12	20.8	37.5	21	19.5	71.5	
LCMA240-16F-X	240	185	M16	20.8	37.5	21	19.5	71.5	
LCMA240-20F-X	240	185	M20	20.8	37.5	21	19.5	71.5	
LCMA300-10F-5	300	240	M10	23.5	42.5	22	20	77.3	5
LCMA300-12F-5	300	240	M12	23.5	42.5	22	20	77.3	
LCMA300-16F-5	300	240	M16	23.5	42.5	22	20	77.3	
LCMA300-20F-5	300	240	M20	23.5	42.5	22	20	77.3	
LCMAX300-10F-5^	–	300*	M10	26.2	48	26.5	23.5	88	
LCMAX300-12F-5^	–	300*	M12	26.2	48	26.5	23.5	88	
LCMAX300-16F-5^	–	300*	M16	26.2	48	26.5	23.5	88	
LCMAX300-20F-5^	–	300*	M20	26.2	48	26.5	23.5	88	

Visit www.panduit.com/tools for tool and die information.
*Class 5f conductor only.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
^Not CE compliant and not tested to EN 61238-:2003/IEC 61238-1:2003 for terminations with metric Class 5f or Class 6f flexible stranded conductor.

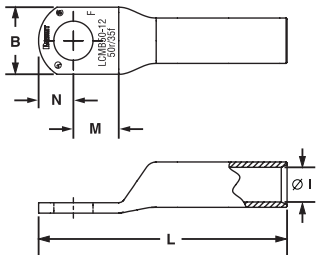
Order number of pieces required, in multiples of Standard Package Quantity.

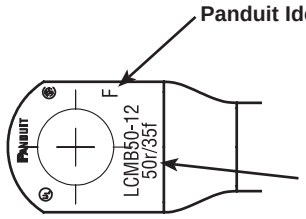
Rigid and Flexible Stranded Metric Conductor, One-Hole, Long Barrel Lug, No Window

For Use with Class 2R Rigid Strand and Flexible Strand Class 5F and 6F Copper Conductors

Type LCMB

- Long barrel design to maximize number of crimps
- No inspection window to prevent contaminents from entering barrel
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit® tools and dies
- Approved for Marine use by American Bureau of Shipping
- Class 2r, Class 5f and Class 6f wire sizes and stud hole size marked on connector for selection and installation
- Rounded tongue for use in tight spaces
- Internally beveled wire entry for fast and easy installation
- Meets EN61238-1:2003/IEC 61238-1-2003 Class B for 4mm²-240mm² Class 2r wire sizes
- CE compliant sizes 10mm²-240mm² Class 2r wire sizes





Rigid and Flexible Stranded Conductor Sizes Marked on Part

Part Number	Copper Conductor Size Class 2r (mm²)	Copper Conductor Size class 5f/6f^ (mm²)	Stud Hole Size (mm)	Figure Dimensions					Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMB10-5-L	10	—	M5	4.5	11	9.8	6	43.8	50
LCMB10-6-L	10	—	M6	4.5	11	9.8	6	43.8	
LCMB10-8-L	10	—	M8	4.5	13	8.5	8	43.8	
LCMB10-10-L	10	—	M10	4.4	14.5	8.5	8	43.8	
LCMB16-5-L	16	10	M5	5.5	13	10.3	6.5	47.2	
LCMB16-6-L	16	10	M6	5.5	13	10.3	6.5	47.2	
LCMB16-8-L	16	10	M8	5.5	13	10.3	6.5	47.2	
LCMB16-10-L	16	10	M10	5.5	15	10.2	8	49.4	
LCMB25-5-L	25	16	M5	6.9	14	10	8	48.7	
LCMB25-6-L	25	16	M6	6.9	14	10	8	48.7	
LCMB25-8-L	25	16	M8	6.9	15.5	10	8	48.7	
LCMB25-10-L	25	16	M10	6.9	15.5	10	8	48.7	
LCMB35-6-Q	35	25	M6	8.2	15.5	12.3	8.5	57.3	25
LCMB35-8-Q	35	25	M8	8.2	15.5	12.3	8.5	57.3	
LCMB35-10-Q	35	25	M10	8.2	15.5	12.3	8.5	57.3	
LCMB35-12-Q	35	25	M12	8.2	21.5	14.5	11.5	63.3	
LCMB50-6-E	50	35	M6	9.8	18	11.5	10	62.8	20
LCMB50-8-E	50	35	M8	9.8	18	11.5	10	62.8	
LCMB50-10-E	50	35	M10	9.8	18	11.5	10	62.8	
LCMB50-12-E	50	35	M12	9.8	23	14	11	66.3	
LCMB70-8-X	70	50	M8	11.5	20.8	14.5	11.5	68.2	10
LCMB70-10-X	70	50	M10	11.5	20.8	14.5	11.5	68.2	
LCMB70-12-X	70	50	M12	11.5	20.8	14.5	11.5	68.2	

Visit www.panduit.com/tools for tool and die information.
*Class 5f conductor only.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
^Not CE compliant and not tested to EN 61238-:2003/IEC 61238-1:2003 for terminations with metric Class 5f or Class 6f flexible stranded conductor.

Continued on next page

LISTED CERTIFIED

Rigid and Flexible Stranded Metric Conductor, One-Hole, Long Barrel Lug, No Window (continued)

Part Number	Copper Conductor Size Class 2r (mm²)	Copper Conductor Size class 5f/6f^ (mm²)	Stud Hole Size (mm)	Figure Dimensions					Std. Pkg. Qty.
				ØI	B	M	N	L	
LCMB95-6-L	95	70	M6	13.5	24.5	15	13.5	79	50
LCMB95-6-X	95	70	M6	13.5	24.5	15	13.5	79	10
LCMB95-8-X	95	70	M8	13.5	24.5	15	13.5	79	
LCMB95-10-X	95	70	M10	13.5	24.5	15	13.5	79	
LCMB95-12-X	95	70	M12	13.5	24.5	15	13.5	79	
LCMB95-16-X	95	70	M16	13.5	24.5	15	13.5	79	
LCMB120-8-X	120	95	M8	15.2	27.5	15.5	14.5	80.2	
LCMB120-10-X	120	95	M10	15.2	27.5	15.5	14.5	80.2	
LCMB120-12-X	120	95	M12	15.2	27.5	15.5	14.5	80.2	
LCMB120-16-X	120	95	M16	15.2	27.5	15.5	14.5	80.2	
LCMB150-8-X	150	120	M8	16.5	30.5	18	16.5	100	
LCMB150-10-X	150	120	M10	16.5	30.5	18	16.5	100	
LCMB150-12-X	150	120	M12	16.5	30.5	18	16.5	100	
LCMB150-16-X	150	120	M16	16.5	30.5	18	16.5	100	
LCMB150-20-X	150	120	M20	16.5	30.5	22	16.5	103.5	
LCMB185-10-X	185	150	M10	18.6	33.5	16.5	17.5	100.6	
LCMB185-12-X	185	150	M12	18.6	33.5	16.5	17.5	100.6	
LCMB185-16-X	185	150	M16	18.6	33.5	16.5	17.5	100.6	
LCMB185-20-X	185	150	M20	18.6	33.5	21	17.5	105.1	
LCMB240-10-6	240	185	M10	20.8	37.5	21	19.5	115	6
LCMB240-12-6	240	185	M12	20.8	37.5	21	19.5	115	
LCMB240-16-6	240	185	M16	20.8	37.5	21	19.5	115	
LCMB240-20-6	240	185	M20	20.8	37.5	21	19.5	115	
LCMB300-10-6	300	240	M10	23.5	42.5	22	20	122.6	
LCMB300-12-6	300	240	M12	23.5	42.5	22	20	122.6	
LCMB300-16-6	300	240	M16	23.5	42.5	22	20	122.6	
LCMB300-20-6	300	240	M20	23.5	42.5	22	20	122.6	
LCMBX300-10-6^	—	300*	M10	26.2	48	26.5	23.5	135.2	
LCMBX300-12-6^	—	300*	M12	26.2	48	26.5	23.5	135.2	
LCMBX300-16-6^	—	300*	M16	26.2	48	26.5	23.5	135.2	
LCMBX300-20-6^	—	300*	M20	26.2	48	26.5	23.5	135.2	
LCMB400-12-6	400	—	M12	27	49.5	26.5	23.5	127.4	
LCMB400-16-6	400	—	M16	27	49.5	26.5	23.5	127.4	
LCMB400-20-6	400	—	M20	27	49.5	26.5	23.5	127.4	
LCMB500-12-3	500	—	M12	31	57.5	28.5	25.5	149.7	3
LCMB500-16-3	500	—	M16	31	57.5	28.5	25.5	149.7	
LCMB500-20-3	500	—	M20	31	57.5	28.5	25.5	149.7	
LCMB630-16-3	630	—	M16	34.5	63	28.5	27.5	159.1	
LCMB630-20-3	630	—	M20	34.5	63	28.5	27.5	159.1	

Visit www.panduit.com/tools for tool and die information.
*Class 5f conductor only.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
^Not CE compliant and not tested to EN 61238-:2003/IEC 61238-1:2003 for terminations with metric Class 5f or Class 6f flexible stranded conductor.

Order number of pieces required, in multiples of Standard Package Quantity.

Metric Conductor, Two-Hole, Standard Barrel with Window Lug

For Use with Class 2R Rigid Strand and Flexible Strand Class 5F and 6F Copper Conductors

Type LCMD

- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit® tools and dies
- Class 2r, Class 5f and Class 6f wire sizes and stud hole size marked on connector for selection and installation
- Internally beveled wire entry for fast and easy installation
- Approved for Marine use by American Bureau of Shipping
- Meets EN61238-1:2003/IEC 61238-1-2003 Class B for 4mm²-630mm² Class 2r wire sizes
- CE compliant sizes 4mm²-630mm² Class 2r wire sizes

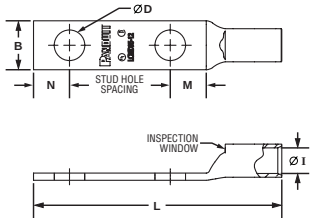


Figure 1

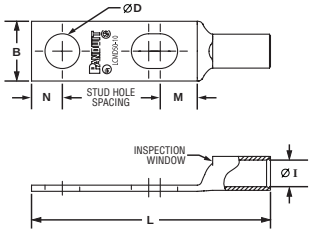


Figure 2

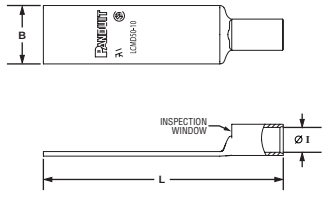


Figure 3

Part Number	Figure No.	Copper Conductor Size Class 2r (mm²)	Copper Conductor Size class 5f/6f*** (mm²)	Stud Hole Size (mm)	Stud Hole Spacing (mm)	Figure Dimensions (mm)						Std. Pkg. Qty.
						ØI	B	M	N	L	ØD	
LCMD6-5CD-Q	2	4 – 6	4-6^	M5	22.0 – 25.0	3.8	10	7.8	6.2	52.5	5.5	25
LCMD10-6CD-Q	2	10	—	M6	22.0 – 25.0	4.5	11	9.8	6	55.8	6.6	
LCMD10-8-Q	1	10	—	M8	44.5	4.5	13	8.5	8	75.3	9.0	
LCMD10-00-Q	3	10	—	Blank	—	4.4	14.5	—	—	75.3	—	
LCMD16-6CD-Q	2	16	10	M6	22.0 – 25.0	5.5	13	10.3	6.5	59.5	6.6	
LCMD16-8-Q	1	16	10	M8	44.5	5.5	13	10.3	6.5	79	9.0	
LCMD16-12-Q	1	16	10	M12	—	—	—	—	—	—	—	
LCMD16-00-Q	3	16	10	Blank	—	5.5	15	—	—	81.2	—	
LCMD25-8CD-Q	2	25	16	M8	22.0 – 25.0	6.9	15.5	10	8	62	9.0	
LCMD25-8-Q	1	25	16	M8	44.5	6.9	15.5	10	8	81.5	9.0	
LCMD25-10-Q	1	25	16	M10	44.5	6.9	15.5	10	8	81.5	11.0	
LCMD25-12-Q	1	25	16	M12	44.5	7.1	20	14.5	11.5	89.5	14.0	
LCMD25-00-Q	3	25	16	Blank	—	7.1	20	—	—	89.5	—	
LCMD35-8CD-Q	2	35	25	M8	22.0 – 25.0	8.2	15.5	12.3	8.5	67	9.0	
LCMD35-8-Q	1	35	25	M8	44.5	8.2	15.5	12.3	8.5	86.5	—	
LCMD35-10-Q	1	35	25	M10	44.5	8.2	15.5	12.3	8.5	86.5	11.0	
LCMD35-12-Q	1	35	25	M12	44.5	8.2	21.5	14.5	11.5	92.5	14.0	
LCMD35-00-Q	3	35	25	Blank	—	8.2	21.5	—	—	92.5	—	
LCMD35-1040-Q	1	35	25	M10	40	8.2	15.5	12.3	8.5	85.8	—	
LCMD50-8CD-Q	2	50	35	M8	25	9.8	18	11.5	10	71.5	—	
LCMD50-10CD-X	2	50	35	M10	22.0 – 25.0	9.8	18	11.5	10	71.5	11.0	10
LCMD50-10-X	1	50	35	M10	44.5	9.8	18	11.5	10	91	11.0	
LCMD50-12-X	1	50	35	M12	44.5	9.8	23	14	11	94.5	14.0	
LCMD50-00-X	3	50	35	Blank	—	9.8	23	—	—	94.5	—	
LCMD70-10CD-X	2	70	50	M10	22.0 – 25.0	11.5	20.5	14.5	11	78.5	11.0	
LCMD70-10-X	1	70	50	M10	44.5	11.5	20.8	14.5	11.5	98	11.0	
LCMD70-12-X	1	70	50	M12	44.5	11.5	20.8	14.5	11.5	98	14.0	
LCMD70-00-X	3	70	50	Blank	—	11.5	20.8	—	—	98	—	

Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
***Not CE compliant and not tested to EN 61238-:2003/IEC 61238-1:2003 for terminations with metric Class 5f or Class 6f flexible stranded conductor.
^Class 5f conductor only

Continued on next page

LISTED CERTIFIED

Metric Conductor, Two-Hole, Standard Barrel with Window Lug (continued)

Part Number	Figure No.	Copper Conductor Size Class 2r (mm²)	Copper Conductor Size class 5f/6f*** (mm²)	Stud Hole Size (mm)	Stud Hole Spacing (mm)	Figure Dimensions (mm) ØI	B	M	N	L	ØD	Std. Pkg. Qty.
LCMD70-1040-X	1	70	50	M10	40	11.5	20.8	14.5	11.5	100.3	—	10
LCMD70-1240-X	1	70	50	M12	40	11.5	20.8	14.5	11.5	100.3	—	
LCMD95-10CD-X	2	95	70	M10	22.0 – 25.0	13.5	24.5	15	13	85.5	11.0	
LCMD95-10-X	1	95	70	M10	44.5	13.5	24.5	15	13.5	105	—	
LCMD95-12-X	1	95	70	M12	44.5	13.5	24.5	15	13.5	105	14.0	
LCMD95-14-X	1	95	70	M14	44.5	13.5	24.5	15	13.5	105	16.0	
LCMD95-00-X	3	95	70	Blank	—	13.5	24.5	—	—	105	—	
LCMD120-10CD-X	2	120	95	M10	22.0 – 25.0	15.2	27.5	15.5	14	90	11.0	
LCMD120-12-X	1	120	95	M12	44.5	15.2	27.5	15.5	14.5	109.5	14.0	
LCMD120-14-X	1	120	95	M14	44.5	15.2	27.5	15.5	14.5	109.5	16.0	
LCMD120-00-X	3	120	95	Blank	—	15.2	27.5	—	—	109.5	—	
LCMD120-1240-X	1	120	95	M12	40	15.2	27.5	15.5	14.5	111.5	—	
LCMD150-10CD-X	2	150	120	M10	22.0 – 25.0	16.5	30.5	18	16	95.5	11.0	
LCMD150-12-X	1	150	120	M12	44.5	16.5	30.5	18	16.5	115	14.0	
LCMD150-14-X	1	150	120	M14	44.5	16.5	30.5	22	16.5	118.5	16.0	
LCMD150-00-X	3	150	120	Blank	—	16.5	30.5	—	—	118.5	—	
LCMD185-10CD-X	2	185	150	M10	22.0 – 25.0	18.6	33.5	16.5	17	97.5	11.0	
LCMD185-12-X	1	185	150	M12	44.5	18.6	33.5	16.5	17.5	117	14.0	
LCMD185-14-X	1	185	150	M14	44.5	18.6	33.5	21	17.5	121.5	16.0	
LCMD185-00-X	3	185	150	Blank	—	18.6	33.5	—	—	121.5	—	
LCMD240-10CD-5	2	240	185	M10	22.0 – 25.0	20.8	37.5	21	19	111.5	11.0	5
LCMD240-12-5	1	240	185	M12	44.5	20.8	37.5	21	19.5	131	14.0	
LCMD240-14-5	1	240	185	M14	44.5	20.8	37.5	21	19.5	131	16.0	
LCMD240-00-5	3	240	185	Blank	—	20.8	37.5	—	—	131	—	
LCMD300-10CD-5	2	300	240	M10	25	23.5	42.5	22	20	119.5	—	
LCMD300-12-5	1	300	240	M12	44.5	23.5	42.5	22	20	139	14.0	
LCMD300-14-5	1	300	240	M14	44.5	23.5	42.5	22	20	139	16.0	
LCMD300-00-5	3	300	240	Blank	—	23.5	42.5	—	—	139	—	
LCMDX300-12-5	1	—	300^	M12	44.5	26.2	48	26.5	23.5	151.5	14.0	
LCMDX300-14-5	1	—	300^	M14	44.5	26.2	48	26.5	23.5	151.5	16.0	
LCMDX300-00-5	3	—	300^	Blank	—	26.2	48	—	—	151.5	—	
LCMD400-12-5	1	400	—	M12	44.5	27	49.5	26.5	23.5	151.5	14.0	
LCMD400-14-5	1	400	—	M14	44.5	27	49.5	26.5	23.5	151.5	16.0	
LCMD400-16-5	1	400	—	M16	44.5	27	49.5	26.5	23.5	151.5	18.0	
LCMD400-00-5	3	400	—	Blank	—	27	49.5	—	—	151.5	—	
LCMD500-12-1	1	500	—	M12	44.5	31	57.5	28.5	25.5	164.5	14.0	1
LCMD500-14-1	1	500	—	M14	44.5	31	57.5	28.5	25.5	164.5	16.0	
LCMD500-16-1	1	500	—	M16	44.5	31	57.5	28.5	25.5	164.5	18.0	
LCMD500-00-1	3	500	—	Blank	—	31	57.5	—	—	164.5	—	
LCMD630-12-1	1	630	—	M12	44.5	34.5	63	28.5	27.5	175.5	14.0	
LCMD630-14-1	1	630	—	M14	44.5	34.5	63	28.5	27.5	175.5	16.0	
LCMD630-16-1	1	630	—	M16	44.5	34.5	63	28.5	27.5	175.5	18.0	
LCMD630-00-1	3	630	—	Blank	—	34.5	63	—	—	175.5	—	

Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
***Not CE compliant and not tested to EN 61238-:2003/IEC 61238-1:2003 for terminations with metric Class 5f or Class 6f flexible stranded conductor.
^Class 5f conductor only

Order number of pieces required, in multiples of Standard Package Quantity.

Rigid and Flexible Stranded Metric Conductor, Two-Hole, Long Barrel Lug, No Window

For Use with Class 2R Rigid Strand and Flexible Strand Class 5F and 6F Copper Conductors

Type LCMC

- Long barrel design to maximize number of crimps
- No inspection window to prevent contaminents from entering barrel
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit® tools and dies
- Approved for Marine use by American Bureau of Shipping
- Class 2r, Class 5f, and Class 6f wire sizes and stud hole size marked on connector for selection and installation
- Internally beveled wire entry for fast and easy installation
- Meets EN61238-1:2003/IEC 61238-1-2003 Class B for 10mm²-630mm² Class 2r wire sizes
- CE compliant sizes 10mm²-630mm² Class 2r wire sizes

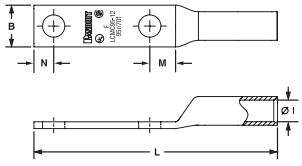


Figure 1.
Two-Hole

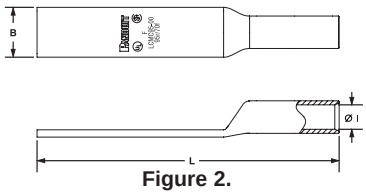
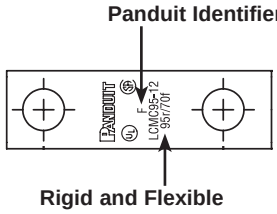


Figure 2.
Blank Tongue



Rigid and Flexible Stranded Conductor Sizes Marked on Part

Part Number	Figure No.	Copper Conductor Size Class 2r (mm²)	Copper Conductor Size Class 5f/6f^ (mm²)	Stud Hole Size (mm)	Stud Hold Spacing (mm)	Figure Dimensions (mm)					Std. Pkg. Qty.
						ØI	B	M	N	L	
LCMC10-00-L	2	10	—	Blank	—	4.4	14.5	—	—	87.8	50
LCMC10-8-L	1	10	—	M8	44.5	4.5	13	8.5	8	87.8	
LCMC16-00-L	2	16	10	Blank	—	5.5	15	—	—	93.9	
LCMC16-8-L	1	16	10	M8	44.5	5.5	13	10.3	6.5	91.7	
LCMC25-00-L	2	25	16	Blank	—	7.1	20	—	—	101.2	
LCMC25-5-L	1	25	16	M5	44.5	6.9	15.5	10	8	93.2	
LCMC25-8-L	1	25	16	M8	44.5	6.9	15.5	10	8	93.2	
LCMC25-10-L	1	25	16	M10	44.5	6.9	15.5	10	8	93.2	
LCMC25-12-L	1	25	16	M12	44.5	7.1	20	14.5	11.5	101.2	
LCMC35-00-Q	2	35	25	Blank	—	8.2	21.5	—	—	107.8	25
LCMC35-8-Q	1	35	25	M8	44.5	8.2	15.5	12.3	8.5	101.8	
LCMC35-10-Q	1	35	25	M10	44.5	8.2	15.5	12.3	8.5	101.8	
LCMC35-12-Q	1	35	25	M12	44.5	8.2	21.5	14.5	11.5	107.8	
LCMC50-00-E	2	50	35	Blank	—	9.8	23	—	—	110.8	20
LCMC50-10-E	1	50	35	M10	44.5	9.8	18	11.5	10	107.3	
LCMC50-12-E	1	50	35	M12	44.5	9.8	23	14	11	110.8	
LCMC70-00-X	2	70	50	Blank	—	11.5	20.8	—	—	112.7	10
LCMC70-10-X	1	70	50	M10	44.5	11.5	20.8	14.5	11.5	112.7	
LCMC70-12-X	1	70	50	M12	44.5	11.5	20.8	14.5	11.5	112.7	
LCMC95-00-X	2	95	70	Blank	—	13.5	24.5	—	—	123.5	
LCMC95-6-L	1	95	70	M6	44.5	13.5	24.5	15	13.5	123.5	50
LCMC95-6-X	1	95	70	M6	44.5	13.5	24.5	15	13.5	123.5	10
LCMC95-10-X	1	95	70	M10	44.5	13.5	24.5	15	13.5	123.5	
LCMC95-12-X	1	95	70	M12	44.5	13.5	24.5	15	13.5	123.5	
LCMC95-14-X	1	95	70	M14	44.5	13.5	24.5	15	13.5	123.5	

Visit www.panduit.com/tools for tool and die information.
*Class 5f conductor only.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
^Not CE compliant and not tested to EN 61238-1:2003/IEC 61238-1:2003 for terminations with metric Class 5f or Class 6f flexible stranded conductor.

Continued on next page

Rigid and Flexible Stranded Metric Conductor, Two-Hole, Long Barrel Lug, No Window (continued)

Part Number	Figure No.	Copper Conductor Size Class 2r (mm²)	Copper Conductor Size Class 5f/6f^ (mm²)	Stud Hole Size (mm)	Stud Hold Spacing (mm)	Figure Dimensions (mm)					Std. Pkg. Qty.
						ØI	B	M	N	L	
LCMC120-00-X	2	120	95	Blank	—	15.2	27.5	—	—	124.7	10
LCMC120-12-X	1	120	95	M12	44.5	15.2	27.5	15.5	14.5	124.7	
LCMC120-14-X	1	120	95	M14	44.5	15.2	27.5	15.5	14.5	124.7	
LCMC150-00-X	2	150	120	Blank	—	16.5	30.5	—	—	148	
LCMC150-12-X	1	150	120	M12	44.5	16.5	30.5	18	16.5	144.5	
LCMC150-14-X	1	150	120	M14	44.5	16.5	30.5	22	16.5	148	
LCMC185-00-X	2	185	150	Blank	—	18.6	33.5	—	—	149.6	
LCMC185-8-X	1	185	150	M8	44.5	18.6	33.5	16.5	17.5	145.1	
LCMC185-12-X	1	185	150	M12	44.5	18.6	33.5	16.5	17.5	145.1	
LCMC185-14-X	1	185	150	M14	44.5	18.6	33.5	21	17.5	149.6	
LCMCX300-14-6^	1	—	300*	M14	44.5	26.2	48	26.5	23.5	179.7	6
LCMC400-00-6	2	400	—	Blank	—	27	49.5	—	—	171.9	
LCMC400-12-6	1	400	—	M12	44.5	27	49.5	26.5	23.5	171.9	
LCMC400-14-6	1	400	—	M14	44.5	27	49.5	26.5	23.5	171.9	
LCMC400-16-6	1	400	—	M16	44.5	27	49.5	26.5	23.5	171.9	
LCMC500-00-3	2	500	—	Blank	—	31	57.5	—	—	194.2	3
LCMC500-12-3	1	500	—	M12	44.5	31	57.5	28.5	25.5	194.2	
LCMC500-14-3	1	500	—	M14	44.5	31	57.5	28.5	25.5	194.2	
LCMC500-16-3	1	500	—	M16	44.5	31	57.5	28.5	25.5	194.2	
LCMC630-00-3	2	630	—	Blank	—	34.5	63	—	—	203.6	
LCMC630-12-3	1	630	—	M12	44.5	34.5	63	28.5	27.5	203.6	
LCMC630-14-3	1	630	—	M14	44.5	34.5	63	28.5	27.5	203.6	
LCMC630-16-3	1	630	—	M16	44.5	34.5	63	28.5	27.5	203.6	
LCMC240-00-6	2	240	185	Blank	—	20.8	37.5	—	—	159.5	6
LCMC240-12-6	1	240	185	M12	44.5	20.8	37.5	21	19.5	159.5	
LCMC240-14-6	1	240	185	M14	44.5	20.8	37.5	21	19.5	159.5	
LCMC300-00-6	2	300	240	Blank	—	23.5	42.5	—	—	167.1	
LCMC300-12-6	1	300	240	M12	44.5	23.5	42.5	22	20	167.1	
LCMC300-14-6	1	300	240	M14	44.5	23.5	42.5	22	20	167.1	
LCMCX300-00-6^	2	—	300*	Blank	—	26.2	48	—	—	179.7	
LCMCX300-12-6^	1	—	300*	M12	44.5	26.2	48	26.5	23.5	179.7	

Visit www.panduit.com/tools for tool and die information.
*Class 5f conductor only.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
^Not CE compliant and not tested to EN 61238-1:2003/IEC 61238-1:2003 for terminations with metric Class 5f or Class 6f flexible stranded conductor.

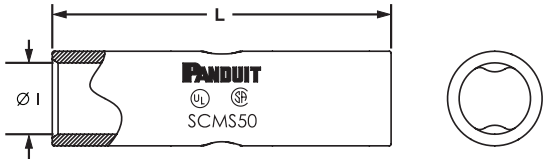
Order number of pieces required, in multiples of Standard Package Quantity.

Metric Conductor, Standard Barrel, Butt Splice

For Use with Class 2R Rigid Strand and Flexible Strand Class 5F and 6F Copper Conductors

Type SCMS

- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit tools and dies
- Internal wire stop barrel of splice
- Class 2r, Class 5f, and Class 6f wire sizes and stud hole size marked on connector for selection and installation
- Internally beveled wire entry for fast and easy installation
- Approved for Marine use by American Bureau of Shipping
- Meets EN61238-1:2003/IEC 61238-1-2003 Class B for 10mm²-630mm² Class 2r wire sizes
- CE compliant with 10mm²-630mm² Class 2r wire sizes



Part Number	Copper Conductor Size Class 2r (mm²)	Copper Conductor Size class 5f/6f***(mm²)	Figure Dimensions (mm)		Std. Pkg. Qty.
			ØI	L	
SCMS10-C	10	—	4.5	30	100
SCMS16-C	16	10	5.5	35	
SCMS25-L	25	16	6.9	36	50
SCMS35-L	35	25	8.2	36	
SCMS50-L	50	35	9.8	49	
SCMS70-L	70	50	11.5	52	
SCMS95-Q	95	70	13.5	54	25
SCMS120-Q	120	95	15.2	57	
SCMS150-X	150	120	16.5	57	10
SCMS185-X	185	150	18.6	61	
SCMS240-X	240	185	20.8	72	
SCMS300-5	300	240	23.5	75	5
SCMSX300-5	—	300^	26.2	95	
SCMS400-5	400	—	27	95	
SCMS500-6	500	—	31	96	6
SCMS630-6	630	—	34.5	131	

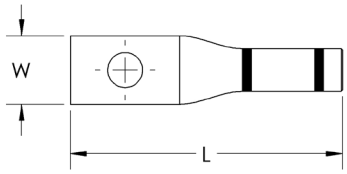
Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
***Not CE compliant and not tested to EN 61238-:2003/IEC 61238-1:2003 for terminations with metric Class 5f or Class 6f flexible stranded conductor.
^Class 5f conductor only

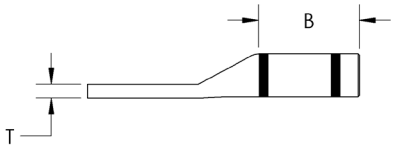
Code Conductor, One-Hole, Aluminum Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAA

- Manufactured from high conductivity thick wall wrought aluminum
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color-coded barrels and Panduit and specified competitor die index numbers marked on barrel for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- cULus listed Certified to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies





Part Number	Aluminum or Copper Conductor Size	Stud Hole Size (in.)	Figure Dimensions (In.) W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (in.)	Std. Pkg. Qty.
LAA6-14-X	6	1/4	0.55	0.86	0.11	2.2	Gray	P29	346	29	1	10
LAA6-56-X	6	5/16	0.55	1	0.11	2.2						
LAA4-14-X	4	1/4	0.66	1.05	0.19	2.05	Green	P37	375	37	1 1/16	
LAA4-56-X	4	5/16	0.69	1.08	0.16	2.23						
LAA4-38-X	4	3/8	0.69	0.92	0.16	2.33						
LAA2-14-X	2	1/4	0.75	0.98	0.17	2.63	Pink	P42	348	42	1	
LAA2-56-X	2	5/16	0.75	0.98	0.17	2.63						
LAA2-38-X	2	3/8	0.75	0.98	0.17	2.63						
LAA1-14-X	1	1/4	0.75	0.98	0.17	2.63	Gold	P45	471	45	1	
LAA1-56-X	1	5/16	0.75	0.98	0.17	2.63						
LAA1-38-X	1	3/8	0.75	0.98	0.17	2.63						
LAA1/0-56-5	1/0	5/16	0.88	1.3	0.25	3.23	Tan	P50	296	50	1 9/16	5
LAA1/0-38-5	1/0	3/8	0.88	1.3	0.25	3.23						
LAA1/0-12-5	1/0	1/2	0.88	1.3	0.25	3.23						
LAA2/0-38-5	2/0	3/8	0.95	1.31	0.23	3.19	Olive	P54	297	54	1 9/16	
LAA2/0-12-5	2/0	1/2	0.95	1.3	0.23	3.19						
LAA3/0-38-5	3/0	3/8	1.07	1.5	0.25	3.44	Ruby	P60	467	60	1 9/16	
LAA3/0-12-5	3/0	1/2	1.07	1.5	0.25	3.44						
LAA4/0-38-5	4/0	3/8	1.19	1.44	0.32	3.56	White	P66	298	66	1 3/4	
LAA4/0-12-5	4/0	1/2	1.19	1.44	0.32	3.56						
LAA250-38-5	250 kcmil	3/8	1.24	1.56	0.3	3.63	Red	P71	324	71	1 9/16	
LAA250-12-5	250 kcmil	1/2	1.24	1.56	0.3	3.63						
LAA300-38-2	300 kcmil	3/8	1.38	2.25	0.34	4	Blue	P76	470	76	2 5/16	2
LAA300-12-2	300 kcmil	1/2	1.38	2.25	0.34	4						
LAA350-12-2	350 kcmil	1/2	1.51	2.25	0.38	4.28	Brown	P87	299	87	2 5/16	
LAA400-58-2R	400 kcmil	5/8	1.61	2.5	0.41	4.88	Green	P94	472	94	2 9/16	

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Code Conductor, One-Hole, Aluminum Lug (continued)

Part Number	Aluminum or Copper Conductor Size	Stud Hole Size (in.)	Figure Dimensions (In.) W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (in.)	Std. Pkg. Qty.
LAA500-12-2	500 kcmil	1/2	1.74	3	0.45	5.5	Pink	P99	300	99	3 1/16	2
LAA500-58-2	500 kcmil	5/8	1.74	3	0.45	5.5	Pink	P99	300	99	3 1/16	
LAA750-12-1	750 kcmil	1/2	1.74	3.38	0.54	6.5	Red	P125	301	125	3 7/16	1
LAA750-58-1	750 kcmil	5/8	1.74	3.38	0.54	6.5	Red	P125	301	125	3 7/16	
LAA900-58-1	900 kcmil	5/8	1.74	3.38	0.59	6.63	Gray	P140	474	140	3 7/16	
LAA1000-58-1	1000 kcmil	5/8	2.56	4.5	0.63	7.31	Brown	P161	302	161	4 3/4	

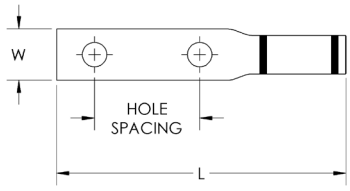
‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

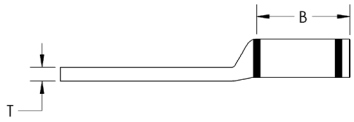
Code Conductor, Two-Hole, Aluminum Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAB

- Manufactured from high conductivity thick wall wrought aluminum
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color-coded barrel markings and Panduit and specified competitor die index numbers marked on barrel for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- cULus listed to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Available with NEMA hole sizes and spacing





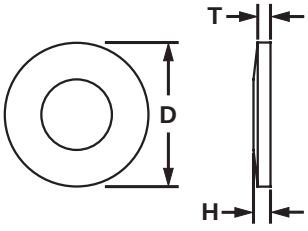
	Part Number	Aluminum or Copper Conductor Size	Stud Hole Size (in.)	Stud Hole Spacing (in.)	Figure Dimensions (in.) W	B	T	L	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (in.)	Std. Pkg. Qty.
	LAB1/0-38-X	1/0 AWG	3/8	1.75	0.86	1.5	0.23	5.39	Tan	P50	296	50	1 9/16	10
	LAB1/0-12-X	1/0 AWG	1/2	1.75	0.86	1.5	0.23	5.39						
◆	LAB2/0-12-5	2/0 AWG	1/2	1.75	0.94	1.5	0.25	5.56	Olive	P54	297	54	1 9/16	5
◆	LAB3/0-12-5	3/0 AWG	1/2	1.75	1.03	1.55	0.27	5.56	Ruby	P60	467	60	1 9/16	
◆	LAB4/0-12-5R	4/0 AWG	1/2	1.75	1.19	1.75	0.31	5.94	White	P66	298	66	1 3/4	
◆	LAB250-12-5	250 kcmil	1/2	1.75	1.26	2	0.33	5.28	Red	P71	324	71	1 3/4	
◆	LAB300-12-2	300 kcmil	1/2	1.75	1.32	2.25	0.34	6.56	Blue	P76	470	76	2 5/16	2
◆	LAB350-12-2R	350 kcmil	1/2	1.75	1.52	2.31	0.39	6.07	Brown	P87	299	87	2 5/16	
◆	LAB400-12-2	400 kcmil	1/2	1.75	1.66	2.5	0.39	6.94	Green	P94	472	94	2 9/16	
◆	LAB500-12-2R	500 kcmil	1/2	1.75	1.62	3	0.46	6.8	Pink	P99	300	99	3 1/16	
◆	LAB600-12-2	600 kcmil	1/2	1.75	1.73	3	0.5	7.56	Black	P106	473	106	3 1/16	
◆	LAB750-12-1R	750 kcmil	1/2	1.75	1.69	3.44	0.57	7.31	Red	P125	301	125	3 7/16	1
◆	LAB800-12-1	800 kcmil	1/2	1.75	1.75	3.38	0.59	8.31	Gray	P140	474	140	3 7/16	1
◆	LAB900-12-1	900 kcmil	1/2	1.75	1.74	3.38	0.59	8.31						
◆	LAB1000-12-1	1000 kcmil	1/2	1.75	2.56	4.5	0.63	8.73	Brown	P161	302	161	4 3/4	1

‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
◆NEMA hole sizes and spacing.

Belleville Compression Washers

Type CW

- Conical spring washer for use when assembling aluminum connectors to copper and/or steel pads, compensates for differing rates of thermal expansion to keep hardware assembly from loosening
- For assembly information, see page D2.94
- Made from hardened steel to provide high strength
- Cadmium-plated to inhibit corrosion



Part Number	Stud Hole Size (in.)	Figure Dimensions (in.)			Std. Pkg. Qty.
		D	H	T	
CW-14-L	1/4	0.68	0.09	0.05	50
CW-56-L	5/16	0.81	0.08	0.06	
CW-38-L	3/8	0.93	0.10	0.07	
CW-12-Q	1/2	1.18	0.12	0.09	25
CW-58-Q	5/8	1.49	0.15	0.12	

Joint Compounds

For Use with Aluminum Connectors

Type CMP

- Oxide inhibitor for compression conductor connections lowers electrical resistance of compression joint while sealing out air and moisture to prevent the formation of surface oxides
- Wide operating temperature range; can be used in a wide range of electrical and environmental conditions
- Packaged in convenient dispenser bottles

Part Number	Part Description	Std. Pkg. Qty.
CMP-100-1	Contact aid for pad-to-pad or thread-to-thread aluminum connections, 8 oz. Operating temperature range -60°F (-51°C) to 400°F (204°C).	1
CMP-200-1	Contact aid for cable connections with compression connections made on aluminum conductor, 8 oz. Operating temperature range -40°F (-40°C) to 400°F (204°C). Compatible with all insulating materials.	

Order number of pieces required, in multiples of Standard Package Quantity.

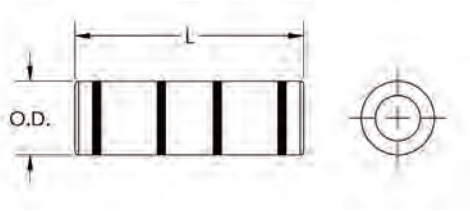
LISTED CERTIFIED

Code Conductor, Aluminum Splice

For Use with Stranded Aluminum-to-Aluminum or Copper-to-Copper Conductors

Type SA

- Manufactured from high conductivity thick wall wrought aluminum
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color-coded barrel markings with Panduit® and specified competitor die index numbers marked on barrel for proper crimp die selection
- Tin-plated to inhibit corrosion
- Internal solid center prevents over-insertion of conductor
- cULus listed to 35 kV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies



Part Number	Aluminum or Copper Conductor Size	Figure Dimensions (in.)		Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (in.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SA6-X	6 AWG	0.34	1.62	Gray	P29	346	29	3/4	10
SA4-XR	4 AWG	0.48	2.13	Green	P37	375	37	7/8	
SA2-X	2 AWG	0.53	2.00	Pink	P42	348	45	7/16	
SA1-X	1 AWG	0.53	2.00	Gold	P45	471	45	7/16	
SA1/0-X	1/0 AWG	0.64	2.12	Tan	P50	296	50	1	
SA2/0-5	2/0 AWG	0.69	2.31	Olive	P54	297	54	1 1/8	5
SA3/0-5	3/0 AWG	0.76	2.62	Ruby	P60	467	60	1 1/4	
SA4/0-5	4/0 AWG	0.88	2.75	White	P66	298	66	1 5/16	
SA250-5	250 kcmil	0.91	2.94	Red	P71	324	71	1 7/16	
SA300-2	300 kcmil	1.01	3.12	Blue	P76	470	76	1 1/2	2
SA350-2	350 kcmil	1.12	3.37	Brown	P87	299	87	1 5/8	
SA400-2	400 kcmil	1.19	3.75	Green	P94	472	94	1 13/16	
SA500-2	500 kcmil	1.32	3.87	Pink	P99	300	99	1 7/8	
SA600-2	600 kcmil	1.44	4.12	Black	P106	473	106	2	
SA750-1	750 kcmil	1.60	4.62	Red	P125	301	115	2 1/4	1
SA800-1	800 kcmil	1.66	4.75	Gray	P140	474	125	2 5/16	
SA900-1	900 kcmil ^	1.66	4.75	Gray	P140	474	140	3-7/16	
SA1000-1	1000 kcmil	1.84	5.25	Brown	P161	302	161	2 9/16	

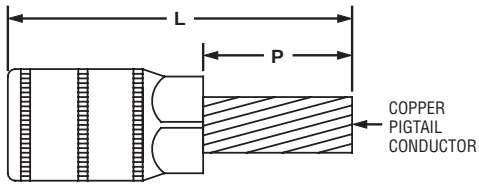
‡Visit www.panduit.com/tools for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
See pages D2.62, D2.99 for Panduit joint compounds recommended for pad to pad and conductor connections.
^ Aluminum wire only.

Code Conductor, Aluminum, Bi-Metallic Pin Connector

Provides Copper Pigtail for Connecting Aluminum Conductors to a Copper or Aluminum/Copper Rated Mechanical Lug

Type BPC

- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Panduit die index number and color code embossed on barrel for proper crimp die selection
- Insulating rubber sleeve included to insulate aluminum barrel from contact with copper connector when attached to pin
- Tin-plated to inhibit corrosion
- UL Listed per UL 486B; temperature rated 90°C and for use up to 600 V when crimped with Panduit and specified competitor crimping tools and dies



Part Number	Aluminum Conductor Size	Copper Pigtail Size	Figure Dimensions (In.) L	Figure Dimensions (In.) P	Panduit Color Code	Panduit Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (in.)	Std. Pkg. Qty.
BPC6-L	6 AWG	8 AWG	2.45	0.88	Tan	P50	296	50	1 1/16	50
BPC4-L	4 AWG	6 AWG	2.45	0.88						
BPC2-L	2 AWG	4 AWG	2.45	0.88						
BPC1-X	1 AWG	3 AWG	2.58	1.00						
BPC1/0-X	1/0 AWG	2 AWG	3.33	1.25	Red	P71	298	76	1 5/16	10
BPC2/0-X	2/0 AWG	1 AWG	3.33	1.25						
BPC3/0-X	3/0 AWG	1/0 AWG	3.46	1.38						
BPC4/0-X	4/0 AWG	2/0 AWG	3.46	1.38						
BPC250-X	250 kcmil	3/0 AWG	3.71	1.50	Green	P94	299	99, 87	1 7/16	10
BPC300-X	300 kcmil	4/0 AWG	4.10	1.63						
BPC350-X	350 kcmil	4/0 AWG	4.10	1.63						
BPC400-X	400 kcmil	250 kcmil	4.35	1.88	Black	P106	300	106	1 7/16	10
BPC500-X	500 kcmil	350 kcmil	4.35	1.88						
BPC600-6	600 kcmil	350 kcmil	4.77	1.88	Red	P125	936	115	1 15/16	6
BPC750-6	750 kcmil	500 kcmil	4.90	2.00						

‡Visit www.panduit.com/tools for tool and die information.

See pages D2.62, D2.99 for Panduit joint compounds recommended for pad to pad and conductor connections.

Order number of pieces required, in multiples of Standard Package Quantity.

Mechanical Connectors

Panduit® offers a broad variety of mechanical lugs, splices, and split bolt connectors suitable for a wide range of electrical terminations using code conductor. Designed to be reusable and installed without special tooling, Pan-Lug™ Mechanical Connectors provide quality performance, ease of installation, and lowest installed cost.

- **Functional product information is marked directly on the connector, facilitating the identification, ordering, and usage of the mechanical connector**
- **Incorporate wide wire range-taking capability to minimize inventory requirements**
- **Made from high strength, high conductivity electrolytic copper and aluminum alloy materials to provide optimum connectivity for power and grounding applications**
- **UL Listed and CSA Certified, as noted**

Pan-Lug™ Mechanical Connectors include split bolt connectors, copper mechanical lugs, aluminum mechanical lugs and aluminum multi-tap connectors with clear PVC insulation. Products are available in stamped and formed, extruded and cast varieties of multiple barrel and tongue configurations to provide solutions for diverse power and grounding needs. Panduit offers a wide assortment of Pan-Lug™ Power and Grounding Connectors to meet customer needs and today's application requirements.

Features and Benefits – Pan-Lug™ Mechanical Connectors

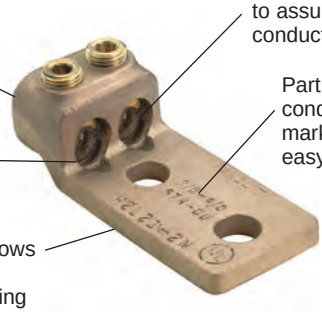
Copper Split Bolt Connectors

- Part number and conductor range marked on part for easy identification
- Waxed body to prohibit binding of contact pad or nut
- Extra-long body available to connect two taps with one run
- Hex head with large wrench flats for easy assembly
- 250 kcmil and larger sizes have contact serrations for higher pull-out strength
- Made from high strength copper alloy

UL LISTED, CSA CERTIFIED, c UL us, DB RATED

DB rated with select Copper Split Bolt sizes

Cast Copper Connectors



- Made from high strength copper alloy
- Serrated barrel available for high pull-out strength
- Flat bottom allows full contact surface mounting
- Inspection windows to assure complete conductor insertion
- Part number and conductor range marked on part for easy identification

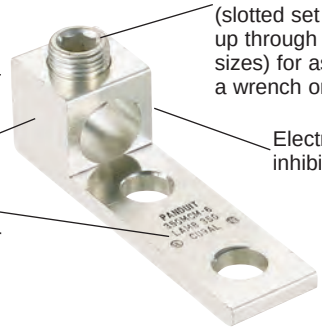
UL LISTED

Stamped and Formed Copper Connectors

- Made from high strength, electrolytic copper alloy
- Part number and conductor range marked on part for easy identification
- Hex head or internal hex bolt for sizes larger than 1/0 AWG
- Two styles of tongues available: fixed and floating

UL LISTED, CSA CERTIFIED, c UL us LISTED

Aluminum Connectors



- Dual rated for aluminum or copper conductors
- Made from high strength, extruded aluminum alloy
- Part number and conductor range marked on part for easy identification
- Hex socket set screw (slotted set screw used up through 2/0 AWG sizes) for assembly with a wrench or screwdriver
- Electro tin-plated to inhibit corrosion

UL LISTED, CSA CERTIFIED

Multi-Tap Connectors

- Hex socket set screws (slotted set screw for smallest size) for assembly with a wrench or screwdriver
- Pre-insulated aluminum body to eliminate the need for taping
- Dual-sided conductor entry
- Clear PVC insulation for visual inspection of the complete conductor insertion
- Factory pre-filled with oxide inhibitor to prevent oxidation
- Made from high strength, extruded aluminum alloy

UL LISTED, CSA CERTIFIED

Available with two isolated mounting holes at either end of connector to facilitate direct mounting using 1/4" bolts.

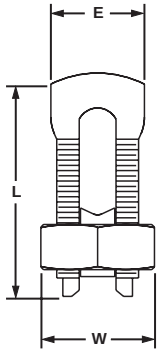
Order number of pieces required, in multiples of Standard Package Quantity.

Split Bolt, Copper

For Use with Copper Code Conductors

Type SBC

- Made from high strength copper alloy to resist corrosion and provide premium electrical and mechanical performance
- Offered with extra long body to allow connection of one or two taps to a single run conductor
- Wide wire range-taking capability minimizes inventory requirements
- Nut hex provides correct fit with socket, box, or open end wrenches resulting in proper torquing of electrical connection
- Pressure bar provides secure connection on a full range of conductor combinations used with each connector assuring premium wire pull-out strength
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C
- UL Listed and CSA Certified for Direct Burial Grounding for connectors marked ** below
- *Parts are cULus Listed for direct burial grounding.



Part Number	Copper Conductor			Figure Dimensions (In.)			Std. Pkg. Qty.
	Range of Equal Run and Tap		Min. Tap with One Max. Run				
	Min.	Max.		E	W	L	
SBC8-C	#10 SOL	#8 STR	#16 STR	0.39	0.55	0.86	100
SBC8L-C*	#16 STR	#8 STR	#16 STR	0.38	0.50	0.84	
SBC6S-C	#8 SOL	#6 SOL	#16 SOL	0.41	0.62	0.95	
SBC6SL-C*	#8 STR	#6 SOL	#16 STR	0.41	0.63	1.10	
SBC4S-C	#8 SOL	#6 STR	#14 STR	0.45	0.69	0.98	
SBC4SL-C*	#8 STR	#6 STR	#14 STR	0.45	0.69	1.30	
SBC3-C	#8 SOL	#4 STR	#14 STR	0.58	0.81	1.16	
SBC2-C	#6 SOL	#2 STR	#14 STR	0.59	0.86	1.23	
SBC2L-C*	#6 SOL	#2 STR	#14 STR	0.63	0.81	1.55	
SBC1/0-L	#4 SOL	1/0 STR	#14 STR	0.75	0.93	1.55	50
SBC2/0-Q	#2 SOL	2/0 STR	#14 STR	0.79	1.05	1.72	25
SBC3/0-Q	#1 SOL	3/0 STR	#8 STR	0.95	1.24	2.07	
SBC250-Q	#1 SOL	250 kcmil	#8 STR	1.03	1.36	2.09	
SBC350-1	2/0 SOL	350 kcmil	2/0 SOL	1.16	1.48	2.42	1
SBC500-1	300 kcmil	500 kcmil	2/0 STR	1.33	1.74	2.83	
SBC750-1*^	350 kcmil	750 kcmil	#8 SOL	1.94	2.13	3.75	
SBC1000-1*^	500 kcmil	1000 kcmil	#8 SOL	2.25	2.50	4.00	

^ DB rated and approved for up to 500 kcmil.

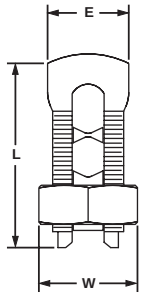
Split Bolt, Copper, Tin-Plated

LISTED CERTIFIED

For Specified Combinations of Copper and Aluminum Code Conductors

Type SBCT

- Made from high strength copper alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion and oxidation
- Offered with dual rating for use with aluminum or copper conductors
- Wide wire range-taking capability minimizes inventory requirements
- Nut hex provides correct fit with socket, box, or open end wrenches resulting in proper torquing of electrical connection
- Free floating pressure bar separates conductors of dissimilar materials for secure connection on a full range of conductor combinations
- UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C



Part Number	Copper and Aluminum Code Conductor			Figure Dimensions (In.)			Std. Pkg. Qty.
	Range of Equal Run and Tap		Min. Tap with One Max. Run				
	Min.	Max.		E	W	L	
UL Listed and CSA Certified with Copper and Aluminum Conductors							
SBCT8-C	#8 SOL	#6 SOL	#14 SOL	0.41	0.62	1.06	100
SBCT6-C	#8 SOL	#6 STR	#10 STR	0.49	0.68	1.10	
SBCT3-C	#8 SOL	#4 STR	#10 STR	0.58	0.81	1.24	
SBCT2-C	#6 SOL	#2 STR	#14 STR	0.60	0.86	1.45	
SBCT1/0-L	#4 SOL	1/0 STR	#10 STR	0.75	0.93	1.73	50
SBCT2/0-Q	#2 SOL	2/0 STR	#8 STR	0.79	1.05	1.71	25
UL Listed and CSA Certified with Copper Code Conductors Only							
SBCT10-C	#16 STR	#10 STR	#16 STR	0.38	0.49	0.87	100
SBCT3/0-Q	#1 SOL	3/0 STR	#8 STR	0.75	1.25	2.12	25
SBCT250-Q	#1 SOL	250 kcmil	#8 STR	1.03	1.36	2.22	
SBCT350-1	2/0 SOL	350 kcmil	1/0 STR	1.17	1.49	2.55	1
SBCT500-1	300 kcmil	500 kcmil	2/0 STR	1.32	1.74	2.95	
SBCT750-1	250 kcmil	750 kcmil	2/0 STR	1.93	2.11	3.78	
SBCT1000-1	350 kcmil	1000 kcmil	4/0 STR	2.29	2.53	4.02	

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended. See page D2.99.

Order number of pieces required, in multiples of Standard Package Quantity.

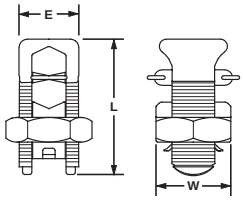
Split Bolt, Aluminum

LISTED CERTIFIED

For Use with Copper and Aluminum Code Conductors

Type SBA

- Made from lightweight, durable aluminum alloy to resist corrosion and provide premium electrical and mechanical performance
- Dual rated for use with aluminum to aluminum, aluminum to copper, and copper to copper conductor combinations
- Tin-plated to inhibit corrosion and oxidation
- Wide wire range-taking capability minimizes inventory requirements
- True hex design for body and nut hex provides correct fit with socket, box, or open end wrenches resulting in proper torquing of electrical connection
- Free floating pressure bar separates conductors of dissimilar materials for secure connection on a full range of conductor combinations
- UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C



Part Number	Max. Run to Max. Tap	Min. Run to Min. Tap	Max. Run to Min. Tap	Figure Dimensions (In.)			Std. Pkg. Qty.
				E	W	L	
SBA6-C	#6 STR – #6 STR	#10 SOL – #10 SOL	#6 STR – #10 SOL	0.56	0.75	1.58	100
SBA4-C	#4 STR – #4 STR	#8 SOL – #10 SOL	#4 STR – #10 SOL	0.62	0.81	1.38	
SBA2-C	#2 STR – #2 STR	#6 SOL – #8 STR	#2 STR – #8 STR	0.69	0.94	1.58	
SBA1/0-Q	1/0 STR – 1/0 STR	#2 STR (Compact) – #8 SOL	1/0 STR – #8 SOL	0.75	1.00	1.92	25
SBA2/0-Q	2/0 STR – 2/0 STR	#2 STR (Compact) – #8 STR	2/0 STR – #8 STR	0.88	1.12	1.92	
SBA4/0-Q	4/0 STR – 4/0 STR	#2 STR (Compact) – #6 STR	4/0 STR – #6 STR	1.13	1.49	2.54	
SBA350-1^	350 kcmil – 350 kcmil	1/0 STR (Compact) – #4 STR	350 kcmil – #4 STR	1.50	1.69	3.24	1
SBA500-1^	500 kcmil – 500 kcmil	400 kcmil (Compact) – #2 STR (Compact)	500 kcmil – #2 STR (Compact)	1.73	2.00	3.62	

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended. See page D2.99.
^Not CSA Certified.

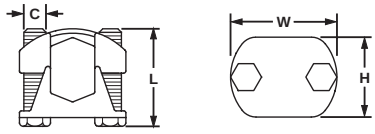
Two-Bolt Connector, Bronze

LISTED

For Use with Copper Code Conductors

Type VT

- Made from high strength bronze for heavy duty connections and to inhibit corrosion
- Cap swivels for easy installation of conductors
- Rubber washer retains hardware to connector and eliminates loose parts
- High strength silicon-bronze hardware provides premium mechanical performance when assembled to conductor
- Wide wire range-taking capability minimizes inventory requirements
- UL Listed for use up to 600 V and 90°C temperature rated



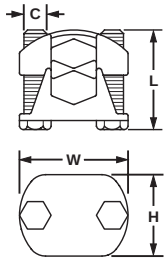
Part Number	Copper Conductor Size		Figure Dimensions (In.)				Hex Size (In.)	Std. Pkg. Qty.
	Run	Tap	L	W	H	C		
VT-0-Q	#2 STR – 1/0 STR	#10 STR – 1/0 STR	1.50	1.44	0.94	0.31	1/2	25
VT-1-Q	#2 STR – 2/0 STR	#10 STR – 2/0 STR	1.50	1.56	1.13	0.31	1/2	
VT-2-Q	1/0 STR – 4/0 STR	#10 STR – 4/0 STR	1.75	1.84	1.34	0.38	9/16	
VT-3-12	250 kcmil – 350 kcmil	#10 STR – 350 kcmil	2.00	2.31	1.63	0.50	3/4	12
VT-4-12	250 kcmil – 500 kcmil	#10 STR – 500 kcmil	2.25	2.44	1.69	0.50	3/4	
VT-5-6	400 kcmil – 800 kcmil	3/0 STR – 800 kcmil	2.50	2.69	1.88	0.50	9/16	6
VT-6-6	500 kcmil – 1000 kcmil	3/0 STR – 1000 kcmil	2.75	3.06	2.25	0.63	15/16	

Two-Bolt Connector, Bronze, Tin-Plated

For Use with Copper and Aluminum Code Conductors

Type VTA

- Made from high strength bronze for heavy duty connections
- Tin-plated to inhibit corrosion and oxidation
- Cap swivels for easy installation of conductors
- Rubber washer retains hardware to connector and eliminates loose parts
- High strength silicon-bronze hardware provides premium mechanical performance when assembled to conductor
- Offered for use with aluminum conductors, but not UL Listed
- UL Listed for use up to 600 V and 90°C temperature rated when used with copper code conductor



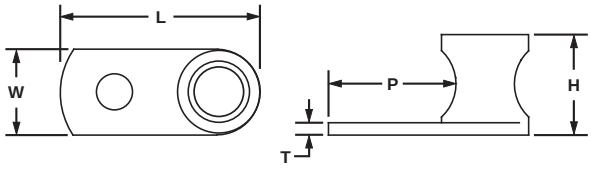
Part Number	Copper Conductor Size Range		Copperweld Solid	Aluminum		Figure Dimensions (In.)				Hex Size (In.)	Std. Pkg. Qty.
	Run	Tap		AWG	ACSR	L	W	H	C		
VTA-0-Q	2 STR – 1/0 STR	10 STR – 1/0 STR	2/0	1/0 STR	1	1.25	1.44	0.94	5/16	1/2	25
VTA-1-Q	2 STR – 2/0 STR	10 STR – 2/0 STR	3/0	—	—	1.50	1.56	1.13	5/16	1/2	
VTA-2-Q	1/0 STR – 4/0 STR	10 STR – 4/0 STR	4/0	—	—	1.75	1.84	1.34	3/8	9/16	
VTA-3-12	250 – 350 kcmil	10 STR – 350 kcmil	—	—	—	2.00	2.31	1.63	1/2	3/4	12
VTA-4-12	250 – 500 kcmil	10 STR – 500 kcmil	—	—	—	2.25	2.44	1.69	1/2	3/4	
VTA-5-6	400 – 800 kcmil	3/0 STR – 800 kcmil	—	—	—	2.50	2.69	1.88	1/2	3/4	6
VTA-6-6	500 – 1000 kcmil	3/0 STR – 1000 kcmil	—	—	—	2.75	3.06	2.25	5/8	15/16	

One-Hole, Straight Tongue, Barrel Post Lug

For Use with Copper Code Conductors

Type ML

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Compact design saves space
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600 V and temperature rated 90°C
- Tin plating is available, contact customer service



Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
				L	W	H	T	P	
ML8-CY	#14 SOL – #8 STR	3/16	**	0.81	0.38	0.42	0.08	0.48	100
ML4-CY	#14 SOL – #4 STR	1/4	**	1.11	0.54	0.55	0.09	0.63	
ML1/0-LY	#14 SOL – 1/0 STR	5/16	1/4	1.54	0.73	0.79	0.09	0.80	50
ML250-QY	#6 STR – 250 kcmil	3/8	1/4	1.94	0.94	1.06	0.12	1.00	25

**Uses slotted head set screw.

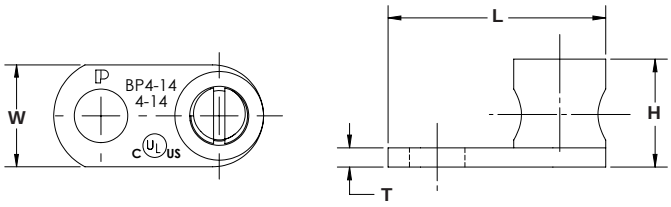
Order number of pieces required, in multiples of Standard Package Quantity.

One-Hole, Straight Tongue, Barrel Post Lug

For Use with Stranded Copper Code Conductors

Type BP

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Compact design saves space
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Flat bottom allows for complete contact with mounting surface
- cULus Listed for use up to 600V
- Tin plating is available, contact customer service
- Available with and without tin plating as standard part number



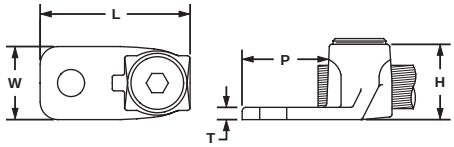
Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Install Tool	Figure Dimensions (In.)					Tin Plated	Std. Pkg. Qty.
				L	W	H	T	P		
BP4-14-C	#14 AWG SOL - #4 AWG STR	1/4	Slot Screwdriver	1.11	0.54	0.55	0.1	1.06	No	100
BP4-14T-C	#14 AWG SOL - #4 AWG STR	1/4	Slot Screwdriver	1.11	0.54	0.55	0.1	1.06	Yes	

One-Hole, Straight Tongue Lug

For Use with Copper Code Conductors

Type PNL

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Compact design saves space
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Flat bottom allows for complete contact with mounting surface
- UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C



Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
				L	W	H	T	P	
PNL-4-C	#14 SOL – #4 STR	1/4	**	1.25	0.53	0.56	0.14	0.66	100
PNL-1/0-L	#8 SOL – 1/0 STR	5/16	1/4	1.59	0.73	0.78	0.14	0.85	50
PNL-250-Q	#6 SOL – 250 kcmil	3/8	5/16	1.97	0.94	1.05	0.13	1.00	25
PNL-500-3	#4 SOL – 500 kcmil	1/2	3/8	3.00	1.38	1.47	0.25	1.63	3
PNL-1000-3	500 kcmil – 1000 kcmil	1/2	1/2	3.88	1.75	2.00	0.38	2.13	3

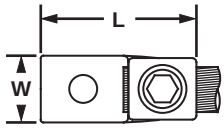
**Uses slotted head set screw.

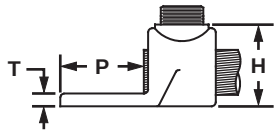
One-Hole, Straight Tongue Lug with Internal Pressure Plate

For Use with Copper Code Conductors

Type HL

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Compact design saves space
- Wide wire range-taking capability minimizes inventory requirements
- Pressure plate* provides uniform clamping force on conductor for premium electrical performance
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Flat bottom allows for complete contact with mounting surface
- Inspection window to visually assure full conductor insertion
- UL Listed for use up to 600 V and temperature rated 90°C





Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
				L	W	H	T	P	
HL1-25-X	#14 SOL – #8 STR	1/4	**	1.38	0.56	0.79	0.19	0.81	10
HL4-1-X	#8 SOL – #4 STR	1/4	**	1.38	0.56	0.79	0.19	0.81	
HL8-1-X	#4 SOL – #1 STR	1/4	7/16	1.56	0.75	0.90	0.22	0.69	
HL13-1-5	#1 STR – 2/0 STR	3/8	9/16	1.88	0.81	1.14	0.22	0.88	5
HL21-1-5	2/0 STR – 4/0 STR	3/8	9/16	2.19	1.00	1.31	0.25	1.00	
HL30-1-2	4/0 STR – 300 kcmil	1/2	5/8	2.50	1.06	1.47	0.31	1.25	2
HL50-1-2	300 kcmil – 500 kcmil	1/2	3/8	3.00	1.38	1.65	0.34	1.50	

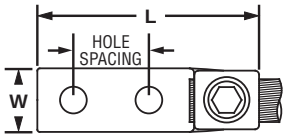
*HL1-25-X and HL4-1-X do not include pressure plates.
**Uses slotted head set screw.

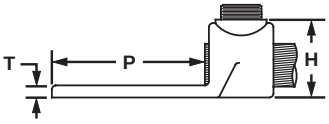
Two-Hole, Straight Tongue Lug with Internal Pressure Plate

For Use with Copper Code Conductors

Type HL-2

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Wide wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Inspection window to visually assure full conductor insertion
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600 V and temperature rated 90°C





Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
				L	W	H	T	P	
HL1-2-25-X	#14 SOL – #8 STR	1/4	**	2.00	0.56	0.70	0.19	1.25	10
HL4-2-X	#8 SOL – #4 STR	1/4	**	2.00	0.56	0.69	0.18	1.25	
HL8-2-X	#4 SOL – #1 STR	1/4	7/16	2.44	0.75	0.92	0.22	1.50	
HL13-2-5	#1 STR – 2/0 STR	3/8	9/16	2.88	0.81	1.07	0.22	1.88	5
HL21-2-5	2/0 STR – 4/0 STR	3/8	9/16	3.00	1.00	1.33	0.25	1.75	
HL30-2-2	4/0 STR – 300 kcmil	3/8	5/8	3.13	1.06	1.45	0.31	2.00	2
HL50-2-2	300 kcmil – 500 kcmil	3/8	3/4	3.44	1.38	1.66	0.34	2.00	

**Uses slotted head set screw.

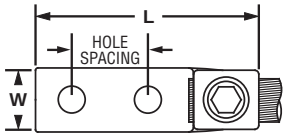
Order number of pieces required, in multiples of Standard Package Quantity.

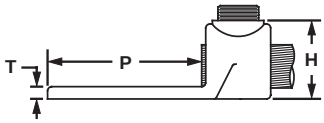
Two-Hole, Straight Tongue Lug with NEMA Hole Sizes and Spacing

For Use with Copper Code Conductors

Type HL-2N

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Wide wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Internal barrel serrations allow for premium wire pull-out strength
- Inspection window to visually assure full conductor insertion
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600 V and temperature rated 90°C
- Available with NEMA hole sizes and spacing





	Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
						L	W	H	T	P	
◆	HL1-2-25-X	#4 SOL – #1 STR	1/2	1.75	7/16	3.94	1.00	0.90	0.22	3.00	10
◆	HL4-2-X	#1 STR – 2/0 STR			9/16	4.25	1.00	1.07	0.22	3.00	
◆	HL8-2-X	2/0 STR – 4/0 STR			9/16	4.19	1.25	1.34	0.25	3.00	
◆	HL13-2-5	4/0 STR – 300 kcmil	1/2	1.75	5/8	4.25	1.25	1.46	0.31	3.00	5

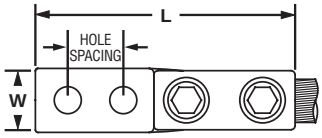
◆NEMA hole sizes and spacing.

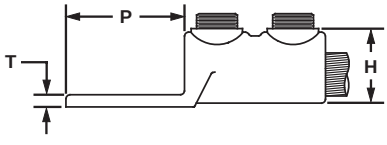
Two-Hole, Straight Tongue, Tandem Set Screw Lug

For Use with Copper Code Conductors

Type HHL-2N

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Double set screws provide additional wire secureness for use in heavy duty applications
- Wide wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Internal barrel serrations allow for premium wire pull-out strength
- Inspection window to visually assure full conductor insertion
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600 V and temperature rated 90°C
- Available with NEMA hole sizes and spacing





	Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
						L	W	H	T	P	
◆	HHL8-2N-X	#4 SOL – #1 STR	1/2	1.75	7/16	5.13	1.00	0.80	0.22	3.00	10
◆	HHL13-2N-5	#1 STR – 2/0 STR			9/16	4.88	1.25	1.00	0.22	3.00	5
◆	HHL21-2N-5	2/0 STR – 4/0 STR			9/16	5.63	1.50	1.37	0.25	3.00	
◆	HHL30-2N-1	4/0 STR – 300 kcmil			5/8	5.88	1.50	1.45	0.31	3.00	1

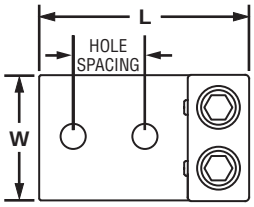
◆NEMA hole sizes and spacing.

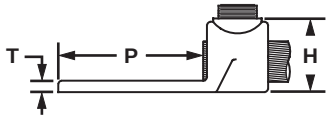
Two-Hole, Straight Tongue, Two-Barrel Lug

For Use with Copper Code Conductors

Type H2L-2N

- Allows for termination of two copper conductors
- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Wide wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Internal barrel serrations provide premium wire pull-out strength
- Inspection window to visually assure full conductor insertion
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600 V and temperature rated 90°C
- Available with NEMA hole sizes and spacing





	Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.) L	W	H	T	P	Std. Pkg. Qty.
◆	H2L4-2N-X	#8 SOL – #4 STR	1/2	1.75	**	3.75	1.25	0.76	0.19	3.00	10
◆	H2L8-2N-2	#4 SOL – #1 STR			7/16	3.94	1.38	0.92	0.22	3.00	2
◆	H2L13-2N-2	#1 STR – 2/0 STR			9/16	4.00	1.63	1.06	0.22	3.00	
◆	H2L21-2N-2	2/0 STR – 4/0 STR			9/16	4.19	1.88	1.34	0.31	3.00	
◆	H2L30-2N-1	4/0 STR – 300 kcmil			5/8	4.38	2.00	1.45	0.31	3.00	1

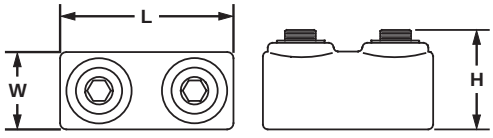
**Uses slotted head set screw.
◆NEMA hole sizes and spacing.

Two-Set Screw Splice with Internal Pressure Plate

For Use with Copper Code Conductors

Type HC

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Wide wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Internal barrel serrations provide premium wire pull-out strength
- Internal wire stops to prevent over-insertion of conductor
- UL Listed for use up to 600 V and temperature rated 90°C



Part Number	Copper Conductor Size Range	Hex Key Size (In.)	Figure Dimensions (In.) L	W	H	Std. Pkg. Qty.
HC4-3*	#8 SOL – #4 STR	**	1.25	0.50	0.56	3
HC8-3*	#4 SOL – #1 STR	7/16	1.75	0.69	0.81	
HC13-3	#1 STR – 2/0 STR	1/4	2.00	0.81	0.94	
HC21-1	2/0 STR – 4/0 STR	9/16	2.25	1.00	1.19	1
HC30-1	4/0 STR – 300 kcmil	5/16	2.56	1.19	1.44	
HC50-1	300 kcmil – 500 kcmil	3/4	3.00	1.38	1.63	

*Includes swivel screws, not internal pressure plate.
**Uses slotted head set screw.

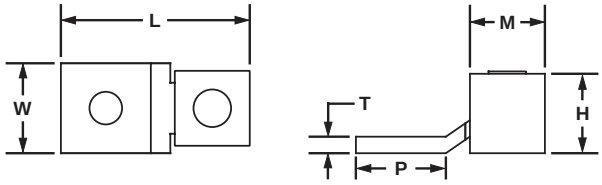
Order number of pieces required, in multiples of Standard Package Quantity.

One-Hole, Single Piece, Straight Fixed Tongue Lug

For Use with Stranded Copper Code Conductors

Type CXS

- Made from a single piece of high strength electrolytic copper to provide premium electrical and mechanical performance
- Patented one piece design. Provides premium electrical and mechanical
- Wide wire range-taking capability minimizes inventory requirements
- Serrations incorporated in barrel of connector to provide premium wire pullout strenth of wire termination
- Plated, fillister head, steel set screw provides high strength, durable electrical contact btween conductor and connector
- cULus Listed for use for up to 600 V and temperature rated to 90 C where applicable



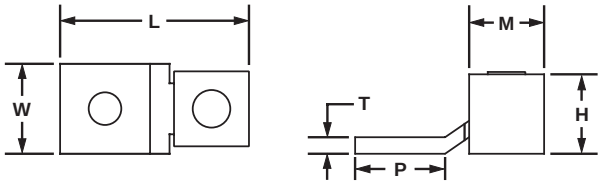
Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
			L	W	H	T	M	
CXS35-36-C	14 AWG - 6 AWG	3/16	1.08	0.38	0.39	0.05	0.47	100
CXS70-14-C	14 AWG - 4 AWG	1/4	1.28	0.5	0.5	0.06	0.53	
CXS125-14-Q	4 AWG - 1/0 AWG	1/4	1.6	0.62	0.73	0.09	0.65	25
CXS125-56-Q	4 AWG - 1/0 AWG	5/16						

One-Hole, Single Piece, Straight Fixed Tongue, Tin-Plated

For Use with Stranded Copper Code Conductors

Type CXS-T

- Made from a single piece of high strength electrolytic copper to provide premium electrical and mechanical performance
- Patented one piece design. Provides premium electrical and mechanical
- Wide wire range-taking capability minimizes inventory requirements
- Serrations incorporated in barrel of connector to provide premium wire pullout strenth of wire termination
- Plated, fillister head, steel set screw provides high strength, durable electrical contact between conductor and connector
- cULus Listed for use for up to 600 V and temperature rated to 90°C where applicable
- Tin-plated to inhibit corrosion



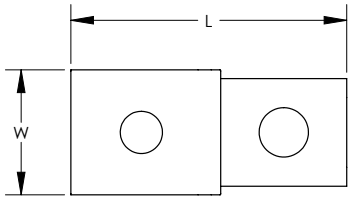
Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
			L	W	H	T	M	
CXS35-36T-C	14 AWG - 6 AWG	3/16	1.08	0.38	0.39	0.05	0.47	100
CXS70-14-T-C	14 AWG - 4 AWG	1/4	1.28	0.5	0.5	0.06	0.53	100
CXS125-14T-Q	4 AWG - 1/0 AWG	1/4	1.6	0.62	0.73	0.09	0.65	25
CXS125-56T-Q	4 AWG - 1/0 AWG	5/16						

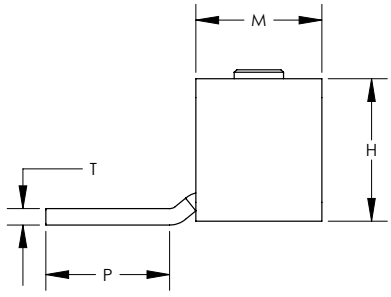
One-Hole, Two Piece, Straight Fixed Tongue Lug

For Use with Stranded Copper Code Conductors

Type CX

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Compact design save space
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually inspect for full wire insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- cULus Listed for use up to 600 V





Part Number	Copper Conductor Size Range	Current Rating (AMPS)	Stud Hole Size (In.)	Hex Size (In.)	Figure Dimensions (In.)						Tin Plated	Std. Pkg. Qty.
					L	W	H	T	P	M		
CX225-56HKR-Q	#2 AWG - 4/0 AWG	225	5/16	7/32	2.19	0.99	1.13	0.13	1.06	1	No	25
CX225-56HKRT-Q	#2 AWG - 4/0 AWG	225	5/16	7/32	2.19	0.99	1.13	0.13	1.06	1	Yes	
CX225-38HKRT-Q	#2 AWG - 4/0 AWG	225	3/8									

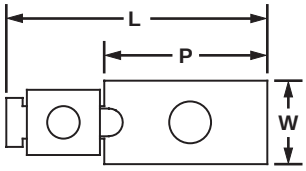
Order number of pieces required, in multiples of Standard Package Quantity.

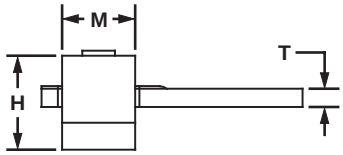
One-Hole, Straight Floating Tongue Lug

For Use with Stranded Copper Code Conductors

Type CS

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Wide wire range-taking capability minimizes inventory requirements
- Internal pressure bar and V-bottom collar provide uniform clamping force on conductor to assure positive contact between conductor and connector
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- cULus Listed for use up to 600 V and temperature rated to 90°C where applicable





Part Number	Copper Conductor Size Range	Current Rating (Amps)	Stud Hole Size (In.)	Hex Size (In.)	Figure Dimensions (In.)						Std. Pkg. Qty.
					L	W	H	T	P	M	
CS25-18SL-CY	#14 AWG – #10 AWG	25	1/8	**	1.16	0.31	0.36	0.07	0.75	0.28	100
CS35-36SL-CY	#14 AWG – #6 AWG, (2) #10 AWG, (2) #12 AWG, (2) #14 AWG, (1) #10 AWG with (1) #12 AWG, (1) #12 AWG with (1) #14 AWG	50	3/16	**	1.14	0.38	0.49	0.07	0.60	0.43	
CSA70-14-CY	#14 AWG – #4 AWG	70	1/4	**	1.30	0.50	0.64	0.08	0.81	0.50	
CS70-14SL-CY	#12 AWG – #2 AWG, (1) #8 AWG with (1) #4 AWG, (1) #8 AWG with (1) #6 AWG	90	1/4	**	1.30	0.50	0.64	0.08	0.81	0.50	
CS125-14SL-QY	#2 AWG – 1/0 AWG	125	1/4	**	1.94	0.62	0.88	0.11	1.00	0.60	25
CS175-38HK-QY	#4 AWG – 3/0 AWG	175	3/8	3/16	2.19	0.75	1.01	0.16	1.25	0.72	
CS225-56HKR-Q	#2 AWG – 4/0 AWG	225	5/16	7/32	2.38	0.99	1.13	0.12	1.19	0.94	
CS300-38HK-QY	#1 AWG – 350 kcmil	300	3/8	5/16	3.19	0.99	1.39	0.12	1.63	1.23	
CS400-38HK-3Y	1/0 AWG – 500 kcmil	400	3/8	5/16	3.88	1.50	1.61	0.18	2.19	1.41	3
CS650-12HK-3Y	600 kcmil – 1000 kcmil	650	1/2	3/8	5.13	2.00	2.32	0.25	2.82	1.85	

**Uses slotted head set screw.

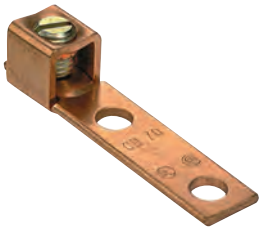
Two-Hole, Straight Floating Tongue Lug

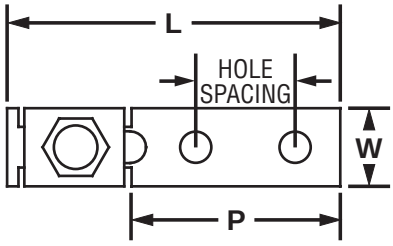
c UL us LISTED

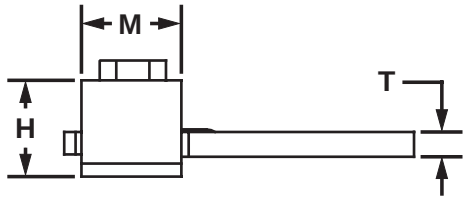
For Use with Stranded Copper Code Conductors

Type CD

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Wide wire range-taking capability minimizes inventory requirements
- Internal pressure bar and V-bottom collar provide uniform clamping force on conductor to assure positive contact between conductor and connector
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- cULus Listed for use up to 600 V and temperature rated to 90°C where applicable
- Available with NEMA hole sizes and spacing







	Part Number	Copper Conductor Size Range	Current Rating (Amps)	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Size (In.)	Figure Dimensions (In.)						Std. Pkg. Qty.
							L	W	H	T	P	M	
	CD35-36SL-QY	#14 AWG – #6 AWG, (2) #10 AWG, (2) #12 AWG, (2) #14 AWG, (1) #10 AWG with (1) #12 AWG, (1) #12 AWG with (1) #14 AWG	50	3/16	1.00	**	2.13	0.38	0.49	0.07	1.60	0.43	25
	CD70-14SL-QY	#12 AWG – #2 AWG (1) #8 AWG with (1) #4 AWG, (1) #8 AWG with (1) #6 AWG	90	1/4	1.00	**	2.26	0.50	0.64	0.09	1.63	0.50	
	CD125-14SL-QY	#2 – 1/0 AWG	125	1/4	1.00	**	2.94	0.62	0.88	0.13	1.88	0.60	
	CD225-56HKR-Q	#6 AWG – 4/0 AWG	225	5/16	1.00	7/32	3.38	1.00	1.13	0.13	2.13	.94	
	CD300-38HK-3Y	#1 AWG – 350 kcmil	300	3/8	1.00	5/16	4.94	1.00	1.39	0.19	3.32	1.23	3
	CD400-38HK-3Y	1/0 AWG – 500 kcmil	400	3/8	1.75	5/16	5.62	1.50	1.61	0.19	3.57	1.41	
◆	CD650-12HK-3Y	600 kcmil – 1000 kcmil	650	1/2	1.75	3/8	6.88	2.00	2.32	0.25	4.69	1.85	

**Uses slotted head set screw.
◆NEMA hole sizes and spacing.

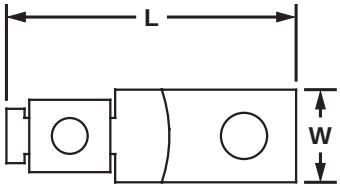
Order number of pieces required, in multiples of Standard Package Quantity.

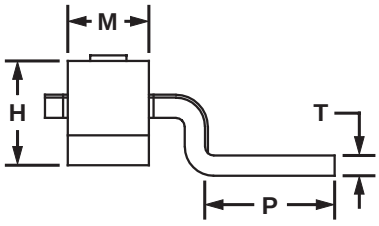
One-Hole, Offset Floating Tongue Lug

For Use with Stranded Copper Code Conductors

Type CB

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Wide wire range-taking capability minimizes inventory requirements
- Internal pressure bar and V-bottom collar provide uniform clamping force on conductor to assure positive contact between conductor and connector
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- cULus Listed for use up to 600 V and temperature rated to 90°C where applicable





Part Number	Conductor Size Range	Current Rating (Amps)	Stud Hole Size (In.)	Hex Size (In.)	Figure Dimensions (In.)						Std. Pkg. Qty.
					L	W	H	T	P	M	
CB25-18-CY	#14 AWG – #10 AWG	25	1/8	**	1.00	0.31	0.36	0.07	0.55	0.28	100
CB35-36-CY	#14 AWG – #6 AWG, (2) #10 AWG, (2) #12 AWG, (2) #14 AWG, (1) #10 AWG with (1) #12 AWG, (1) #12 AWG with (1) #14 AWG	50	3/16	**	1.24	0.39	0.49	0.07	0.59	0.43	
CBA70-14-CY	#14 AWG – #4 AWG	70	1/4	**	1.31	0.47	0.64	0.08	0.61	0.50	
CB70-14-CY	#8 AWG – #2 AWG, (1) #8 AWG with (1) #4 AWG, (1) #8 AWG with (1) #6 AWG	90	1/4	**	1.55	0.47	0.64	0.08	0.80	0.50	
CB125-14-QY	#6 AWG – 1/0 AWG	125	1/4	**	1.98	0.62	0.88	0.10	1.02	0.60	25
CB175-38-QY	#4 AWG – 3/0 AWG	175	3/8	3/16	2.20	0.74	1.01	0.12	1.18	0.72	
CB225-56HKR-Q	#2 AWG – 4/0 AWG	225	5/16	7/32	2.55	0.99	1.13	0.12	1.21	0.94	
CB300-38-QY	1/0 AWG – 350 kcmil	300	3/8	5/16	2.83	0.99	1.39	0.12	1.33	1.23	
CB400-38-3Y	1/0 AWG – 500 kcmil	400	3/8	5/16	4.09	1.49	1.61	0.17	2.22	1.61	3
CB650-12-3Y	600 kcmil – 1000 kcmil	650	1/2	3/8	4.84	2.00	2.32	0.25	2.44	1.85	

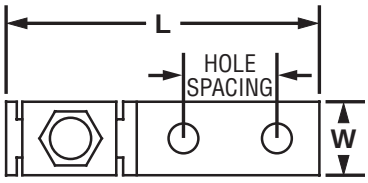
**Uses slotted head set screw.

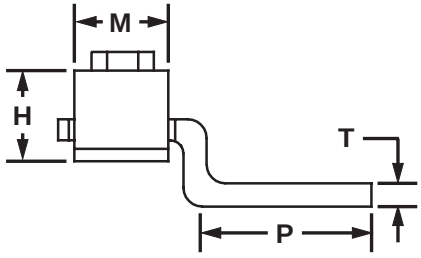
Two-Hole, Offset Floating Tongue Lug

For Use with Stranded Copper Code Conductors

Type CO

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Wide wire range-taking capability minimizes inventory requirements
- Internal pressure bar and V-bottom collar provide uniform clamping force on conductor to assure positive contact between conductor and connector
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- cULus Listed for use up to 600 V and temperature rated to 90°C where applicable
- Available with NEMA hole sizes and spacing





	Part Number	Conductor Size Range	Current Rating (Amps)	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)						Std. Pkg. Qty.
							L	W	H	T	P	M	
	CO35-36SL-QY	#14 AWG – #6 AWG, (2) #10 AWG, (2) #12 AWG, (2) #14 AWG, (1) #10 AWG with (1) #12 AWG, (1) #12 AWG with (1) #14 AWG	50	3/16	1.00	**	2.19	0.38	0.49	0.07	1.46	0.43	25
	CO70-14SL-QY	#12 AWG – #1 AWG, (1) #8 AWG with (1) #4 AWG, (1) #8 AWG with (1) #6 AWG	90	1/4	1.00	**	2.50	0.50	0.64	0.09	1.60	0.50	
	CO125-14SL-QY	#2 AWG – 1/0 AWG	125	1/4	1.00	**	2.97	0.63	0.88	0.13	1.87	0.60	
	CO225-56HKR-Q	#6 AWG – 4/0 AWG	225	5/16	1.00	7/32	3.62	1.00	1.13	0.13	2.28	0.94	
	CO300-38HK-3Y	#1 AWG – 350 kcmil	300	3/8	1.87	5/16	5.69	1.00	1.39	0.19	3.99	1.23	3
	CO400-38HK-3Y	1/0 AWG – 500 kcmil	400	3/8	1.75	5/16	6.00	1.50	1.61	0.19	3.79	1.41	
◆	**CO650-12HK-3Y**	600 kcmil – 1000 kcmil	650	1/2	1.75	3/8	6.25	2.00	2.32	0.25	3.68	1.85	

**Uses slotted head set screw.
◆NEMA hole sizes and spacing.

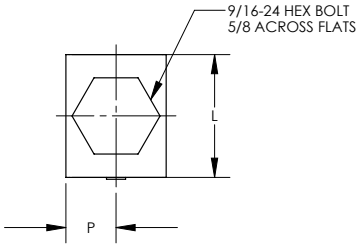
Order number of pieces required, in multiples of Standard Package Quantity.

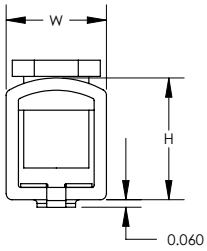
Copper Mechanical Box Lug

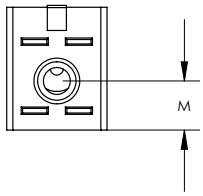
For Use with Stranded Copper Code Conductors

Type CCB

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Compact design saves space
- Wide wire range-taking capability minimizes inventory requirements
- Anti-rotation feature on bottom of lug
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- cULus Listed for use up to 600 V







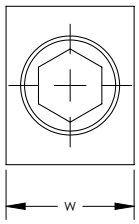
Part Number	Conductor Size Range	Mounted Hole Size (In.)	Hex Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
				L	W	H	P	M	
CCB4/0-1AR-Q	#2 AWG - 4/0 AWG	1/4-20	5/8	1	0.817	0.99	0.41	0.4	25

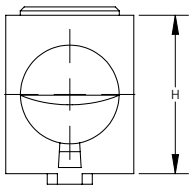
One-Hole, Single Barrel Box Lug

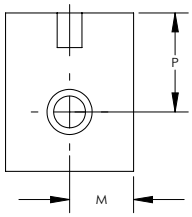
For Use with Stranded Aluminum or Copper Code Conductors

Type ACB

- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Compact design saves space
- Wide wire range-taking capability minimizes inventory requirements
- Anti-rotation feature on bottom of lug
- Plated aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Recognized and CSA Certified for use up to 600V
- CU7AL temperature rating







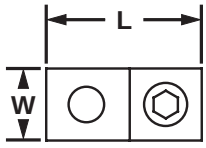
Part Number	Conductor Size Range	Mounting Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
				L	W	H	P	M	
ACB250-1AR-Q	#6 AWG - 250 kcmil	1/4-20	5/16	1	0.81	1	0.63	0.4	25

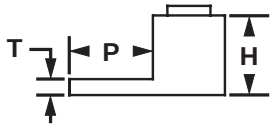
One-Hole, Single Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAMA

- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Compact design saves space
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C





Part Number	Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
				L	W	H	T	P	
LAMA6-14-QY	#14 AWG – #6 AWG	1/4	**	1.06	0.50	0.50	0.09	0.68	25
LAMA2-14-QY	#14 AWG – #2 AWG	1/4	**	1.16	0.50	0.55	0.10	0.69	
LAMA1/0-14-QY	#14 AWG – 1/0 AWG	1/4	**	1.47	0.62	0.79	0.19	0.85	
LAMA1/0-56-Q	#14 AWG – 1/0 AWG	5/16	**	1.47	0.62	0.79	0.19	0.85	
LAMA2/0-14-QY	#14 AWG – 2/0 AWG	1/4	3/16	1.47	0.62	0.79	0.19	0.85	
LAMA250-56-QY	#6 AWG – 250 kcmil	5/16	5/16	2.01	1.00	1.13	0.25	0.99	
LAMA300-56-QY	#6 AWG – 300 kcmil	5/16	5/16	2.00	1.00	1.13	0.25	1.00	
LAMA350-38-QY	#6 AWG – 350 kcmil	3/8	5/16	2.25	1.13	1.25	0.25	1.12	
LAMA500-38-6Y	#4 AWG – 500 kcmil	3/8	1/2	2.81	1.50	1.56	0.31	1.59	6
LAMA600-38-6Y	#2 AWG – 600 kcmil	3/8	1/2	3.18	1.60	1.57	0.44	1.81	
LAMA600S-38-6Y‡	#4 AWG – 600 kcmil – (2) 1/0 AWG – 250 kcmil	3/8	3/8	2.81	1.38	1.81	0.31	1.50	
LAMA1000-58-6Y	500 kcmil – 1000 kcmil	5/8	3/8	3.50	1.75	1.94	0.50	1.88	

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.99.
**Uses slotted head set screw.
‡Accommodates two conductors for conductor range 1/0 AWG – 250 kcmil.

Order number of pieces required, in multiples of Standard Package Quantity.

Two-Hole, Single Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAMB

- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Compact design saves space
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- LAMLB provided with dual set screws for premium clamping of conductor to connector for heavy duty applications
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C
- Available with NEMA hole sizes and spacing

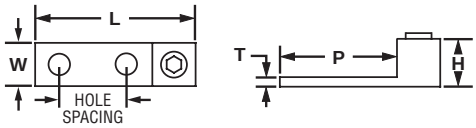


Figure 1

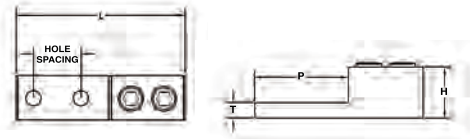


Figure 2

	Part Number	Figure No.	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
							L	W	H	T	P	
◆	**LAMB350-12-6Y**	1	#6 AWG – 350 kcmil	1/2	1.75	5/16	4.19	1.13	1.28	0.28	3.05	6
◆	**LAMB600-12-3Y**	1	#2 AWG – 600 kcmil	1/2	1.75	1/2	4.69	1.60	1.57	0.44	3.31	3
◆	**LAMLB1000-12-3**	2	500 – 1000 kcmil	1/2	1.75	1/2	6.19	1.63	1.88	0.56	3.44	

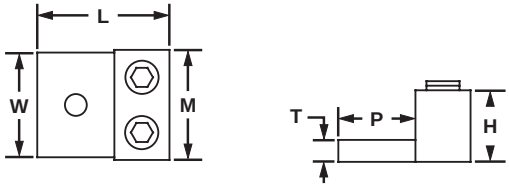
The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.99.
◆NEMA hole sizes and spacing.

One-Hole, Two-Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM2A

- Dual barrel provides termination of two conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C
- Available with NEMA hole sizes and spacing



Part Number	Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)						Std. Pkg. Qty.
				L	W	H	T	P	M	
LAM2A1/0-14-6Y	#14 AWG – 1/0 AWG	1/4	**	1.47	1.13	0.78	0.19	0.85	1.13	6
LAM2A2/0-14-6Y	#14 AWG – 2/0 AWG	1/4	3/16	1.47	1.20	0.78	0.19	0.85	1.20	
LAM2A250-38-6Y	#6 AWG – 250 kcmil	3/8	3/8	2.56	1.50	1.19	0.25	1.56	1.64	
LAM2A350-12-6Y	#6 AWG – 350 kcmil	1/2	5/16	2.87	1.73	1.25	0.25	1.74	1.91	
LAM2A600-12-6Y	#2 AWG – 600 kcmil	1/2	3/8	3.19	2.00	1.56	0.44	1.81	2.38	
LAM2A1000-58-6Y	500 kcmil – 1000 kcmil	5/8	3/8	3.50	3.50	1.94	0.50	1.88	3.50	

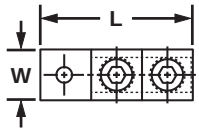
The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.99.
**Uses slotted head set screw.

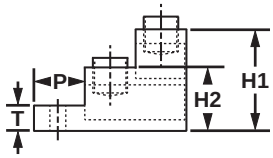
One-Hole, Vertical Two-Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM2SA

- Dual barrel provides termination of two conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C





Part Number	Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)						Std. Pkg. Qty.
				L	W	H1	H2	T	P	
LAM2SA300-56-3	#6 AWG – 300 kcmil	5/16	5/16	3.00	1.00	2.00	1.25	0.50	1.00	3
LAM2SA300-38-3	#6 AWG – 300 kcmil	3/8	5/16	3.00	1.00	2.00	1.25	0.50	1.00	

The use of Panduit® oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.99.

Two-Hole, Two-Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM2B

- Dual barrel provides termination of two conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- LAM2LB connector provided with dual set screws for premium clamping of conductor to connector for heavy duty applications
- UL Listed and CSA certified for use up to 600 V and temperature rated 90°C
- Available with NEMA hole sizes and spacing

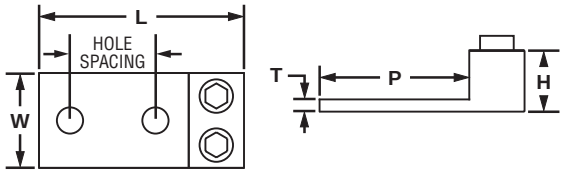


Figure 1

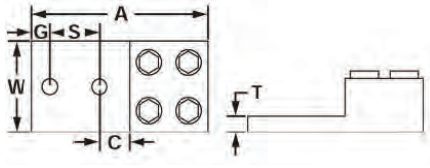


Figure 2

	Part Number	Figure No.	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
							L	W	H	T	P	
◆	**LAM2B350-12-3Y**	1	#6 AWG – 350 kcmil	1/2	1.75	5/16	4.19	1.91	1.28	0.25	3.06	3
◆	**LAM2LB600-12-3**	2	#2 AWG – 600 kcmil			3/8	5.50	2.85	1.50	0.38	3.25	
◆	**LAM2LB1000-12-3**	2	500 – 1000 kcmil			1/2	6.19	3.48	1.88	0.56	3.44	

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.99.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

Two-Hole, Vertical Two-Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM2SB

- Dual barrel provides termination of two conductors
- Vertical configuration saves space
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C

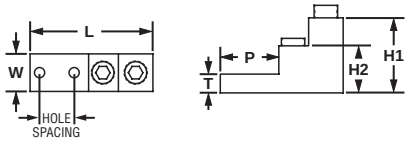


Figure 1

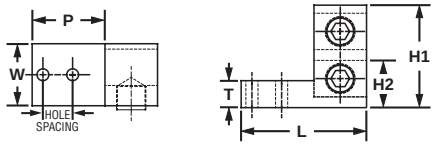


Figure 2

Part Number	Figure No.	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)						Std. Pkg. Qty.
						L	W	H1	H2	T	P	
LAM2SB600-38-1Y	1	#2 AWG – 600 kcmil	3/8	1.38	3/8	4.91	1.50	3.00	1.88	0.75	2.34	1
LAM2SB750-38-1Y	1	1/0 AWG – 750 kcmil	3/8	1.38	3/8	4.91	1.50	3.00	1.88	0.75	2.34	
LAM2SSB500-141Y	2	4/0 AWG – 500 kcmil	1/4	0.69	1/2	2.91	1.44	2.38	1.77	0.63	1.69	

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.99.

Two-Hole, Three-Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM3B

- Triple barrel provides termination of three conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- LAM3LB connector is provided with dual set screws to allow premium clamping of conductor to connector for heavy duty applications
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C
- Available with NEMA hole sizes and spacing

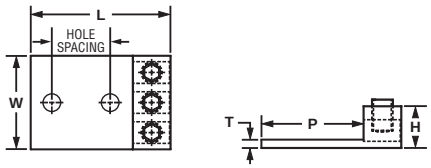


Figure 1

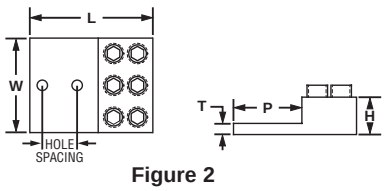


Figure 2

	Part Number	Figure No.	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
							L	W	H	T	P	
	LAM3B2-14-6Y*	1	#14 AWG – #2 AWG	1/4	0.87	**	2.49	1.63	0.47	0.19	2.03	6
	LAM3B1/0-38-6Y	1	#14 AWG – 1/0 AWG	3/8	1.00	**	2.91	2.00	0.88	0.25	2.16	
◆	LAM3B3/0-12-3Y	1	#6 AWG – 3/0 AWG	1/2	1.75	1/4	4.25	2.81	1.19	0.31	3.25	3
◆	LAM3B250-12-1Y	1	#6 AWG – 250 kcmil	1/2	1.75	5/16	4.00	2.82	1.19	0.31	3.00	1
◆	LAM3B350-12-1Y	1	#6 AWG – 350 kcmil			5/16	4.50	3.50	1.38	0.31	3.25	
◆	LAM3LB600-12-1	2	#2 AWG – 600 kcmil			3/8	5.50	4.32	1.50	0.38	3.25	
◆	LAM3LB1000-121Y	2	500 kcmil – 1000 kcmil			1/2	6.19	5.27	1.88	0.56	3.44	

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.99.
◆NEMA hole sizes and spacing.
*cULus Listed
**Uses slotted head set screw

Four-Hole, Three-Barrel Lug

LISTED CERTIFIED

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM3D

- Triple barrel provides termination of three conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- LAM3LD connector is provided with dual set screws to allow premium clamping of conductor to connector for heavy duty applications
- UL Listed and CSA certified for use up to 600 V and temperature rated 90°C
- Available with NEMA hole sizes and spacing

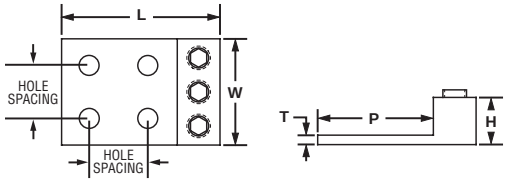


Figure 1

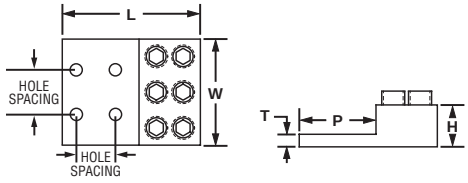


Figure 2

	Part Number	Figure No.	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
							L	W	H	T	P	
◆	LAM3D3/0-12-3Y	1	#6 AWG – 3/0 AWG	1/2	1.75	1/4	4.25	2.81	1.19	0.31	3.25	3
◆	LAM3D250-12-1Y	1	#6 AWG – 250 kcmil	1/2	1.75	5/16	4.25	3.00	1.19	0.31	3.25	1
◆	LAM3D350-12-1Y	1	#6 AWG – 350 kcmil			5/16	4.50	3.50	1.38	0.31	3.25	
◆	LAM3LD600-12-1	2	#2 AWG – 600 kcmil			3/8	5.50	4.32	1.50	0.38	3.25	
◆	LAM3LD1000-121Y	2	500 kcmil – 1000 kcmil			1/2	6.19	5.27	1.88	0.56	3.44	

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.99.
◆NEMA hole sizes and spacing.

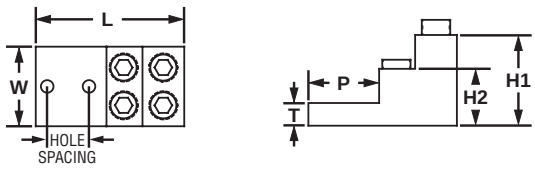
Two-Hole, Vertical Four-Barrel Lug

LISTED CERTIFIED

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM4SB

- Four barrels provide termination of four conductors
- Vertical configuration saves space
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C



Part Number	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)						Std. Pkg. Qty.
					L	W	H1	H2	T	P	
LAM4SB600-38-1Y	#2 AWG – 600 kcmil	3/8	1.38	3/8	4.91	2.47	3.00	1.88	0.75	2.34	1
LAM4SB750-38-1Y	1/0 AWG – 750 kcmil			3/8	4.91	2.84	3.00	1.88	0.75	2.34	

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.99.

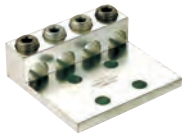
Order number of pieces required, in multiples of Standard Package Quantity.

Four-Hole, Four-Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM4D

- Four barrels provide termination of four conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- LAM4LD connector is provided with dual set screws to allow premium clamping of conductor to connector for heavy duty applications
- UL Listed and CSA certified for use up to 600 V and temperature rated 90°C
- Available with NEMA hole sizes and spacing



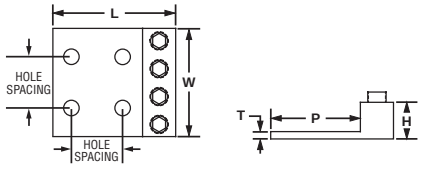


Figure 1

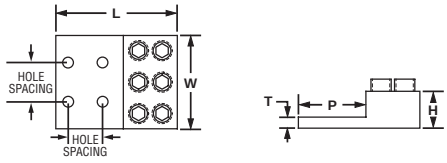


Figure 2

	Part Number	Figure No.	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
							L	W	H	T	P	
◆	LAM4D250-12-1Y	1	#6 AWG – 250 kcmil	1/2	1.75	5/16	4.25	4.04	1.19	0.31	3.25	1
◆	LAM4D350-12-1Y	1	#6 AWG – 350 kcmil			5/16	4.50	4.72	1.37	0.31	3.25	
◆	LAM4LD600-12-1	2	#2 – 600 kcmil			3/8	5.50	5.31	1.50	0.38	3.25	
◆	LAM4LD1000-12-1	2	350 – 1000 kcmil			3/8	6.19	7.11	1.88	0.56	3.44	

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.99.
◆NEMA hole sizes and spacing.

Transformer Lug Kit

For Use with Stranded Aluminum or Copper Code Conductors

Type KLM

- Kits include all of the connectors and hardware to make a complete transformer connection in a single convenient package
- Lugs are made from high strength, extruded aluminum alloy and are tin-plated to inhibit corrosion and oxidation
- Plated steel cap screws, belleville and flat washers, and hex nuts are provided to assure that terminal to bus connections are made using proper hardware resulting in true torque to pressure performance
- Hardware is packaged in a sealed plastic bag to prevent lost hardware prior to installation
- Lugs are UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C

Part Number	Transformer KVA Rating	Aluminum Mechanical Lug		Conductor Size Range	Hardware (Sizes in Inches)					
		Part No.	Qty.		Hex Bolt Size	Qty.	Nut Size	Qty.	Washer Size	Qty.
KLM14-250Y	15 – 37.5 KVA 1PH 15 – 45 KVA 3PH	LAMA2-14 LAMA250-56	8 4	#14 – 2 AWG #6 AWG – 250 kcmil	1/4 – 20 x 3/4 HH	8	1/4 – 20 HN	8	1/4 FLAT 1/4 CMP	16 8
KLM6-250Y	50 – 75 KVA 1 PH 75 – 112.5 KVA 3 PH	LAMA250-56	12	#6 AWG – 250 kcmil	1/4 – 20 x 3/4 HH 1/4 – 20 x 2 HH	8 8	1/4 – 20 HN	16	1/4 FLAT 1/4 CMP	32 16
KLM6-600Y	100 – 167 KVA 1PH 150 – 300 KVA 3 PH	LAMA250-56 LAMA600-38	3 3	#6 AWG – 250 kcmil #4 AWG – 600 kcmil	1/4 – 20 x 3/4 HH 3/8 – 16 x 2 HH	3 16	1/4 – 20 HN 3/8 – 16 HN	3 16	3/8 FLAT 1/4 FLAT 3/8 CMP 1/4 CMP	32 6 16 3

Suffix: HH = Hex Head; HN = Hex Nut; FLAT = Flat Washer; CMP = Compression Washer.
The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.99.

Splicer/Reducer

LISTED CERTIFIED

For Use with Stranded Aluminum or Copper Code Conductors

Type SR

- Made from high strength extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Rounded bottoms to facilitate taping
- Solid center barrier prevents contact of dissimilar metal conductors
- Wide wire range-taking capability minimizes inventory requirements
- UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C

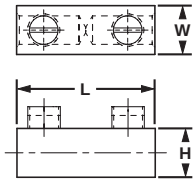


Figure 1

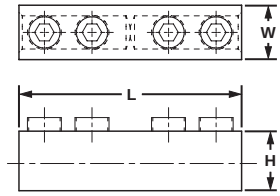


Figure 2

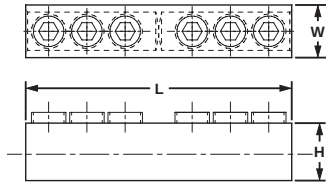


Figure 3

Part Number	Figure No.	Conductor Size Range		Figure Dimensions (In.)			Hex Key Size (In.)	Std. Pkg. Qty.
		Max.	Min.	L	W	H		
SR-2-XY	1	#2 AWG STR, #10 AWG SOL	#14 AWG STR, #14 AWG SOL	1.38	0.50	0.56	**	10
SR-0-XY	1	1/0 AWG STR, #10 AWG SOL	#14 AWG STR, #14 AWG SOL	1.91	0.75	0.75	**	
SR-4/0-XY*	1	4/0 AWG	#6 AWG	2.31	1.00	1.13	5/16	
SR-250-XY	2	250 kcmil	#6 AWG	3.94	1.00	1.13	5/16	
SR-350-XY	2	350 kcmil	#6 AWG	4.19	1.13	1.19	5/16	
SR-500-3Y	2	500 kcmil	3/0 AWG	5.00	1.37	1.40	3/8	3
SR-750-1Y	2	750 kcmil	250 kcmil	6.25	1.63	1.75	1/2	1
SR-1000-1Y	3	1000 kcmil	500 kcmil	8.69	1.72	1.88	9/16	

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended. See page D2.99.
*Not CSA certified.
**Uses slotted screws.

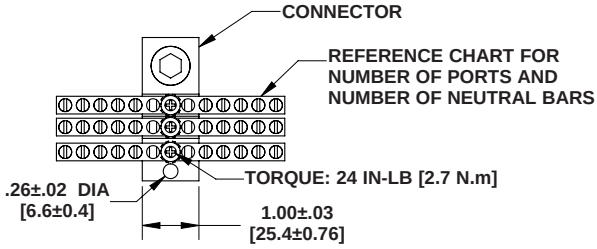
Order number of pieces required, in multiples of Standard Package Quantity.

Neutral Bar

For Use with Stranded Aluminum or Copper Code Conductors

Type NBA

- Made from high strength extruded aluminum alloy to provide premium electrical and mechanical performance
- Compact design saves space
- Wide wire range-taking capability minimizes inventory requirements
- Multiple wire port configurations available to meet application needs
- Neutral bars pre-assembled to main connector
- Plated aluminum set screw provides high strength, durable electrical contact between conductor and connector
- Plated steel zinc plated screws for neutral bars provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V
- CU9AL temperature rating



Part Number	Main Connector/ Nuetral Bar Aluminum or Copper Conductor Size Range	# of Neutral Bars/ # of Ports	Figure Dimensions									Neutral Bar Install Tool	Std. Pkg. Qty.
			L	W	H	Tongue Width	Stud Hole Size (In.)	Hex Key Size (In.)	Main Connector Mounting Hole Size	Mounting Hole Spacing A	Mounting Hole Spacing B		
NBA350-12	#6 AWG - 350 kcmil SOL/STR #14 AWG - #4 AWG SOL/STR	1 12	2.53	4.77	1.13	1	1/4	–	#10-32	0.53	–	Phillips Screwdriver	1
NBA350-24		2 12	2.53	4.77	1.13			–	#10-32	0.53	–		
NBA350-30		3 10	2.53	4.15	1.13			–	#10-32	0.53	–		
NBA350-36		3 12	2.53	4.77	1.13			–	#10-32	0.53	–		
NBA350-42		3 14	2.53	5.39	1.13			–	#10-32	0.53	–		

Isolator Stand-Off Kit

For Use with NBA350 Neutral Bars

TYPE NBISO-KIT

- Made from Black Fiberglass Reinforced Nylon
- Material Meets UL94-SVA Flame Rating
- Includes Two # 10-32 x 1/2" Mounting Scres with External Tooth Lockwashers

Part Number	L	W	H	Hole Spacing	Slot Size
NBISO-KIT	2.5	2.5	1	–	–

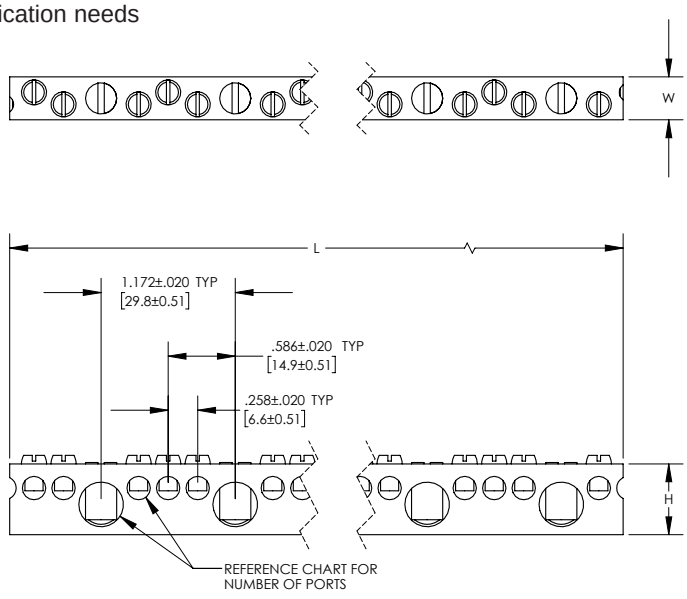
Neutral Bar

LISTED CERTIFIED

For Use with Stranded Aluminum or Copper Code Conductors

Type NBA1/0-120

- Made from high strength extruded aluminum alloy to provide premium electrical and mechanical performance
- Bar can be cut into segments to meet application length requirements
- Wide wire range-taking capability minimizes inventory requirements
- Multiple wire port configurations available to meet application needs
- Neutral bar can be mounted to NBBRACKET steel bracket accessory
- Plated steel zinc plated screws for neutral bars provides high strength, durable electrical contact between conductor and connector
- UL Recognized and CSA Certified for use up to 600
- CU9AL temperature rating



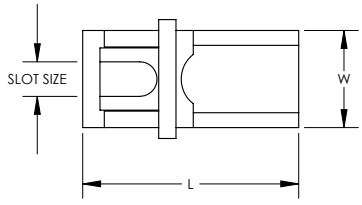
Part Number	Large Wire Port Aluminum or Copper Conductor Size Range	# of Large Wire Ports	# of Small Wire Ports	Figure Dimensions			Neutral Bar Install Tool	Std. Pkg. Qty.
				L	W	H		
NBA1/0-120	#14 AWG - 1/0 AWG SOL/STR	30	90	35.33	0.38	0.62	Slotted Screwdriver	1

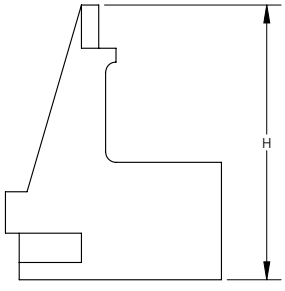
Neutral Bar Bracket

For Use with NBA1/0-120 Neutral Bar

Type NBBRACKET

- Made from Black Reinforced PBT
- Material Meets UL94-SVA Flame Rating
- Includes Two Plastic Mounting Brackets
- Bracket Mounting Slots Accommodate #10 Mounting Hardware (not included)





Part Number	L	W	H	Slot Size
NBBRACKET	1.25	0.56	1.59	0.2

Order number of pieces required, in multiples of Standard Package Quantity.

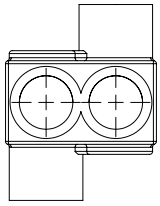
LISTED CERTIFIED

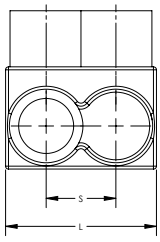
Multi-Tap Connector with Clear PVC Insulation, Alternate Port

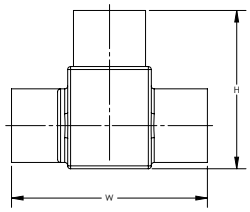
For Use with Aluminum or Copper Code Conductors

Type PCSB-AP

- Flexible design can be used as a tap, splice or dead end connector
- Body made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Insulated with clear PVC to eliminate the need for taping and allow for visual inspection of the complete conductor insertion
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wide wire range-taking capability minimizes inventory requirements
- Plated aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90 C







Part Number	Copper and Aluminum Conductor Size Range	# of Ports	Figure Dimensions					Std. Pkg. Qty.
			L	W	H	S	Hex Key Size (In.)	
PCSB250-AP-6	#10 AWG - 250 kcmil	2	2.03	2.64	2.13	0.94	5/16	6
PCSB600-AP-4	# 6 AWG - 600 kcmil	2	2.72	3	2.75	1.28	3/8	4

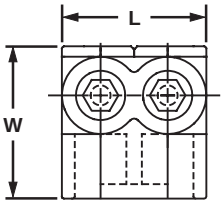
LISTED CERTIFIED

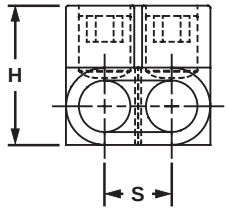
Multi-Tap Connector with Clear Insulation, Single-Sided

For Use with Aluminum or Copper Code Conductors

Type PCSB-S

- Flexible design – can be used as a tap, splice, or dead end connector
- Body made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Insulated with clear PVC to eliminate the need for taping and allow for visual inspection of the complete conductor insertion
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wide wire range-taking capability minimizes inventory requirements
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C*





Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)				Hex Key Size (In.)	Std. Pkg. Qty.
			L	W	H	S		
PCSB4-2S-12Y	#4 – #14 AWG STR #10 – #14 AWG SOL	2	1.23	1.25	1.25	0.53	1/8	12
PCSB4-3S-12Y		3	1.76	1.25	1.25	0.53		
PCSB4-4S-6Y		4	2.29	1.25	1.25	0.53		6
PCSB4-5S-6Y		5	2.82	1.25	1.25	0.53		
PCSB4-6S-6Y		6	3.35	1.25	1.25	0.53		
PCSB4-10S-4Y		10	5.47	1.25	1.25	0.53		4
PCSB4-12S-3Y		12	6.53	1.25	1.25	0.53		3
PCSB4-14S-2Y		14	7.59	1.25	1.25	0.53		2
PCSB2/0-2S-6	2/0 – #14 AWG STR #10 – #14 AWG SOL	2	1.52	1.31	1.38	0.67	3/16	6
PCSB2/0-3S-6Y		3	2.19	1.31	1.38	0.67		
PCSB2/0-4S-6Y		4	2.86	1.31	1.38	0.67		
PCSB2/0-5S-4Y		5	3.53	1.31	1.38	0.67		4
PCSB2/0-6S-4Y		6	4.20	1.31	1.38	0.67		
PCSB2/0-8S-3Y		8	5.55	1.31	1.38	0.67		3
PCSB2/0-10S-2Y		10	6.89	1.31	1.38	0.67		2
PCSB2/0-12S-1Y		12	8.24	1.31	1.38	0.67		1
PCSB2/0-14S-1Y		14	9.58	1.31	1.38	0.67		
PCSB250-2S-6Y	250 kcmil – #10 AWG STR	2	2.03	2.00	2.13	0.94	5/16	6
PCSB250-3S-6Y		3	2.97	2.00	2.13	0.94		
PCSB250-4S-6Y		4	3.91	2.00	2.13	0.94		
PCSB250-5S-4Y		5	4.84	2.00	2.13	0.94		4
PCSB250-6S-4Y		6	5.78	2.00	2.13	0.94		
PCSB250-8S-3Y		8	7.66	2.00	2.13	0.94		3
PCSB250-10S-2Y		10	9.53	2.00	2.13	0.94		2
PCSB250-12S-2Y		12	11.41	2.00	2.13	0.94		
PCSB250-14S-1Y		14	13.29	2.00	2.13	0.94		1
PCSB350-2S-4Y	350 kcmil – #10 AWG STR	2	2.17	2.25	2.50	1.00	5/16	4
PCSB350-3S-4Y		3	3.17	2.25	2.50	1.00		
PCSB350-4S-3Y		4	4.17	2.25	2.50	1.00		3
PCSB350-5S-3Y		5	5.17	2.25	2.50	1.00		
PCSB350-6S-2Y		6	6.17	2.25	2.50	1.00		2
PCSB350-8S-2Y		8	8.17	2.25	2.50	1.00		
PCSB350-10S-2Y		10	10.17	2.25	2.50	1.00		
PCSB350-12S-1Y		12	12.17	2.25	2.50	1.00		1
PCSB350-14S-1Y		14	14.17	2.25	2.50	1.00		

Order number of pieces required, in multiples of Standard Package Quantity.

Multi-Tap Connector with Clear Insulation, Single-Sided (continued)

Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)				Hex Key Size (In.)	Std. Pkg. Qty.
			L	W	H	S		
PCSB600-2S-4Y	600 kcmil – #6 AWG STR	2	2.72	2.25	2.75	1.28	3/8	4
PCSB600-3S-3Y		3	4.00	2.25	2.75	1.28		3
PCSB600-4S-2Y		4	5.28	2.25	2.75	1.28		2
PCSB600-5S-2Y		5	6.56	2.25	2.75	1.28		
PCSB600-6S-2Y		6	7.84	2.25	2.75	1.28		
PCSB600-8S-2Y		8	10.41	2.25	2.75	1.28		
PCSB600-10S-1Y		10	12.97	2.25	2.75	1.28		1
PCSB600-12S-1Y		12	15.93	2.25	2.75	1.28		
PCSB600-14S-1Y		14	18.09	2.25	2.75	1.28		
PCSB750-2S-1	750 kcmil – #2 AWG STR	2	2.88	2.63	3.00	1.38		

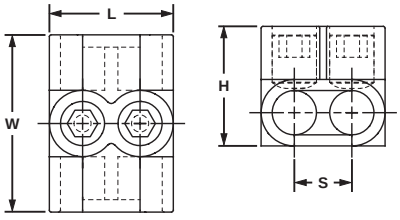
*PCSB750-2S-1 is not UL Listed or CSA Certified.

Multi-Tap Connector with Clear Insulation, Double-Sided

For Use with Aluminum or Copper Code Conductors

Type PCSB

- Flexible design – can be used as a tap, splice, or dead end connector
- Body made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Insulated with clear PVC to eliminate the need for taping and allow for visual inspection of the complete conductor insertion
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wide wire range-taking capability minimizes inventory requirements
- Dual-sided entry allows offset and opposite entry for primary and secondary conductors
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C



Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)				Hex Key Size (In.)	Std. Pkg. Qty.
			L	W	H	S		
PCSB4-2-12Y	#4 – #14 AWG STR #10 – #14 AWG SOL	2	1.23	1.50	1.25	0.53	1/8	12
PCSB4-3-12Y		3	1.76	1.50	1.25	0.53		
PCSB4-4-6Y		4	2.29	1.50	1.25	0.53		6
PCSB4-5-6Y		5	2.82	1.50	1.25	0.53		
PCSB4-6-6Y		6	3.35	1.50	1.25	0.53		
PCSB4-8-4Y		8	4.41	1.50	1.25	0.53		4
PCSB4-10-4Y		10	5.47	1.50	1.25	0.53		
PCSB4-12-3Y		12	6.53	1.50	1.25	0.53		3
PCSB4-14-2Y		14	7.59	1.50	1.25	0.53		2
PCSB2/0-2-12	2/0 – #14 AWG STR #10 – #14 AWG SOL	2	1.52	1.56	1.38	0.67	3/16	12
PCSB2/0-3-6		3	2.19	1.56	1.38	0.67		6
PCSB2/0-4-6		4	2.86	1.56	1.38	0.67		
PCSB2/0-5-6		5	3.53	1.56	1.38	0.67		
PCSB2/0-6-6		6	4.20	1.56	1.38	0.67		
PCSB2/0-8-4		8	5.55	1.56	1.38	0.67		4
PCSB2/0-10-2Y		10	6.89	1.56	1.38	0.67		2
PCSB2/0-12-2Y		12	8.24	1.56	1.38	0.67		

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Multi-Tap Connector with Clear Insulation, Double-Sided (continued)

Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)				Hex Key Size (In.)	Std. Pkg. Qty.
			L	W	H	S		
PCSB2/0-14-1Y	250 kcmil – #10 AWG STR	14	9.58	1.56	1.38	0.67	3/16	1
PCSB250-2-6Y		2	2.03	2.63	2.13	0.94	5/16	6
PCSB250-3-6Y		3	2.97	2.63	2.13	0.94		
PCSB250-4-6Y		4	3.91	2.63	2.13	0.94		
PCSB250-5-4Y		5	4.84	2.63	2.13	0.94		4
PCSB250-6-4Y		6	5.78	2.63	2.13	0.94		
PCSB250-8-3Y		8	7.66	2.63	2.13	0.94		3
PCSB250-10-2Y		10	9.53	2.63	2.13	0.94		2
PCSB250-12-2Y		12	11.41	2.63	2.13	0.94		
PCSB250-14-1Y		14	13.29	2.63	2.13	0.94		1
PCSB350-2-4	350 kcmil – #10 AWG STR #10 AWG SOL	2	2.17	3.00	2.50	1.00	3/8	4
PCSB350-3-4		3	3.17	3.00	2.50	1.00		
PCSB350-4-3		4	4.17	3.00	2.50	1.00		3
PCSB350-5-3		5	5.17	3.00	2.50	1.00		
PCSB350-6-2		6	6.17	3.00	2.50	1.00		2
PCSB350-8-2		8	8.17	3.00	2.50	1.00		
PCSB350-10-2Y		10	10.17	3.00	2.50	1.00	5/16	2
PCSB350-12-1Y		12	12.17	3.00	2.50	1.00		1
PCSB350-14-1Y		14	14.17	3.00	2.50	1.00		
PCSB600-2-4Y	600 kcmil – #6 AWG STR	2	2.72	3.00	2.75	1.28	3/8	4
PCSB600-3-3Y		3	4.00	3.00	2.75	1.28		3
PCSB600-4-2Y		4	5.28	3.00	2.75	1.28		2
PCSB600-6-2Y		6	7.84	3.00	2.75	1.28		
PCSB600-8-2Y		8	10.41	3.00	2.75	1.28		
PCSB600-10-1Y		10	12.97	3.00	2.75	1.28		1
PCSB600-12-1Y		12	15.53	3.00	2.75	1.28		
PCSB600-14-1Y		14	18.09	3.00	2.75	1.28		
PCSB750-2-2Y‡‡	750 kcmil – #2 AWG STR	2	2.88	3.38	3.00	1.38	3/8	2
PCSB750-3-2Y‡‡		3	4.25	3.38	3.00	1.38		
PCSB750-4-2Y‡‡		4	5.63	3.38	3.00	1.38		
PCSB750-5-1Y‡‡		5	7.00	3.38	3.00	1.38		1
PCSB750-6-1Y‡‡		6	8.38	3.38	3.00	1.38		
PCSB750-8-1Y‡‡		8	11.13	3.38	3.00	1.38		
PCSB750-10-1Y‡‡		10	13.88	3.38	3.00	1.38		

‡‡Not UL Listed or CSA Certified.

Order number of pieces required, in multiples of Standard Package Quantity.

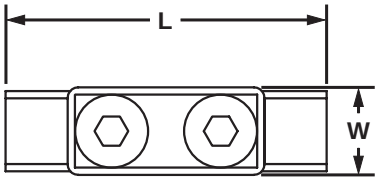
LISTED CERTIFIED

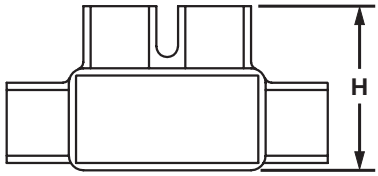
In-Line Splicer/Reducer with Clear Insulation

For Use with Aluminum or Copper Code Conductors

Type PISR

- Flexible design – can be used as a splice or reducer
- Dual rated for use with copper or aluminum conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Insulated with clear PVC to eliminate the need for taping and allow for visual inspection of the complete conductor insertion
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wide wire range-taking capability minimizes inventory requirements
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C





Part Number	Conductor Size Range	Figure Dimensions (In.)			Std. Pkg. Qty.
		L	W	H	
PISR2-1	#2 AWG STR – #14 AWG STR, #8 AWG SOL – #10 AWG SOL	2.38	0.75	1.25	1
PISR1/0-1	1/0 AWG STR – #14 AWG STR, #8 AWG SOL – #14 AWG SOL	2.91	0.95	1.41	
PISR250-1	250 kcmil – #10 AWG STR, #8 AWG SOL – #10 AWG SOL	4.00	1.25	2.24	
PISR350-1	350 kcmil – #10 AWG STR, #8 AWG SOL – #10 AWG SOL	4.63	1.40	2.34	
PISR500-1	500 kcmil – #6 AWG STR	5.25	1.72	2.63	

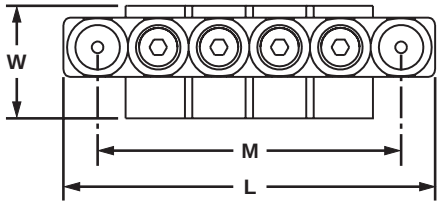
Multi-Tap Connector with Clear Insulation, Single-Sided, with Mounting Holes

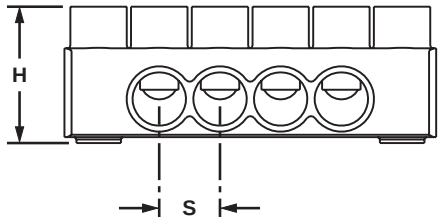
LISTED CERTIFIED

For Use with Aluminum or Copper Code Conductors

Type PCSBMT-S

- Flexible design – can be used as a tap, splice, or dead end connector
- Body made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Two isolated mounting holes at either end of connector facilitate direct mounting using 1/4" bolts
- Insulated with clear PVC to eliminate the need for taping and allow for visual inspection of the complete conductor insertion
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wide wire range-taking capability minimizes inventory requirements
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C





Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)					Mounting Hole Size (In.)	Hex Key Size (In.)	Std. Pkg. Qty.
			L	W	H	S	M			
PCSBMT2/0-4S-3Y	2/0 – #14 AWG STR #10 – #14 AWG SOL	4	4.20	1.31	1.50	0.67	3.61	1/4	3/16	3
PCSBMT2/0-6S-2Y		6	5.55	1.31	1.50	0.67	4.96			2
PCSBMT2/0-8S-2Y		8	6.89	1.31	1.50	0.67	6.30			
PCSBMT2/0-10S2Y		10	8.24	1.31	1.50	0.67	7.65			
PCSBMT2/0-12S1Y		12	9.58	1.31	1.50	0.67	8.99			1
PCSBMT250-4S-2Y	250 kcmil – #10 AWG STR	4	5.78	2.00	2.25	0.94	4.94	1/4	5/16	2
PCSBMT250-6S-2Y		6	7.66	2.00	2.25	0.94	6.82			
PCSBMT250-8S-2Y		8	9.53	2.00	2.25	0.94	8.69			
PCSBMT250-10S2Y		10	11.41	2.00	2.25	0.94	10.57			
PCSBMT250-12S1Y		12	13.29	2.00	2.25	0.94	12.45			1
PCSBMT350-4S-2Y	350 kcmil – #10 AWG STR	4	6.17	2.25	2.63	1.00	5.25	1/4	5/16	2
PCSBMT350-6S-2Y		6	8.17	2.25	2.63	1.00	7.25			
PCSBMT350-8S-2Y		8	10.17	2.25	2.63	1.00	9.25			
PCSBMT350-10S1Y		10	12.17	2.25	2.63	1.00	11.25			1
PCSBMT350-12S1Y		12	14.17	2.25	2.63	1.00	13.25			
PCSBMT600-4S-2Y	600 kcmil – #6 AWG STR	4	7.84	2.25	2.88	1.28	6.65	1/4	3/8	2
PCSBMT600-6S-2Y		6	10.41	2.25	2.88	1.28	9.22			
PCSBMT600-8S-2Y		8	12.97	2.25	2.88	1.28	11.78			
PCSBMT600-10S1Y		10	15.53	2.25	2.88	1.28	14.34			1
PCSBMT600-12S1Y		12	18.09	2.25	2.88	1.28	16.90			

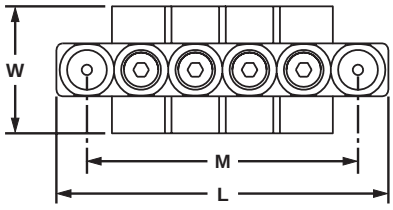
Order number of pieces required, in multiples of Standard Package Quantity.

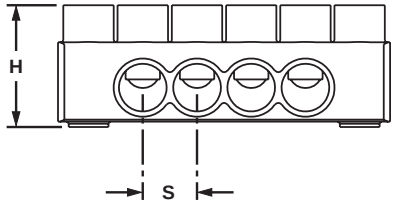
Multi-Tap Connector with Clear Insulation, Double-Sided, with Mounting Holes

For Use with Aluminum or Copper Code Conductors

Type PCSBMT

- Flexible design – can be used as a tap, splice, or dead end connector
- Body made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Two isolated mounting holes at either end of connector facilitate direct mounting using 1/4" bolts
- Insulated with clear PVC to eliminate the need for taping and allow for visual inspection of the complete conductor insertion
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wide wire range-taking capability minimizes inventory requirements
- Dual-sided entry allows offset and opposite entry for primary and secondary conductors
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C





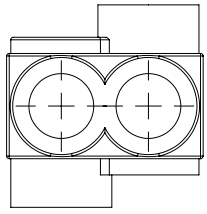
Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)					Mounting Hole Size (In.)	Hex Key Size (In.)	Std. Pkg. Qty.
			L	W	H	S	M			
PCSBMT2/0-4-3Y	2/0 – #14 AWG STR, #10 – #14 AWG SOL	4	4.20	1.56	1.50	0.67	3.61	1/4	3/16	3
PCSBMT2/0-6-2Y		6	5.55	1.56	1.50	0.67	4.96			2
PCSBMT2/0-8-2Y		8	6.89	1.56	1.50	0.67	6.30			
PCSBMT2/0-10-2Y		10	8.24	1.56	1.50	0.67	7.65			
PCSBMT2/0-12-1Y		12	9.58	1.56	1.50	0.67	8.99			1
PCSBMT250-4-2Y	250 kcmil – #10 AWG STR	4	5.78	2.63	2.26	0.94	4.94	1/4	5/16	2
PCSBMT250-6-2Y		6	7.66	2.63	2.26	0.94	6.82			
PCSBMT250-8-2Y		8	9.53	2.63	2.26	0.94	8.69			
PCSBMT250-10-2Y		10	11.41	2.63	2.26	0.94	10.57			
PCSBMT250-12-1Y		12	13.29	2.63	2.26	0.94	12.45			1
PCSBMT350-4-2Y	350 kcmil – #10 AWG STR	4	6.17	3.00	2.63	1.00	5.25	1/4	5/16	2
PCSBMT350-6-2Y		6	8.17	3.00	2.63	1.00	7.25			
PCSBMT350-8-2Y		8	10.17	3.00	2.63	1.00	9.25			
PCSBMT350-10-1Y		10	12.17	3.00	2.63	1.00	11.25			1
PCSBMT350-12-1Y		12	14.17	3.00	2.63	1.00	13.25			
PCSBMT600-4-2Y	600 kcmil – #6 AWG STR	4	7.84	3.00	2.88	1.28	6.65	1/4	3/8	2
PCSBMT600-6-2Y		6	10.41	3.00	2.88	1.28	9.22			
PCSBMT600-8-2Y		8	12.97	3.00	2.88	1.28	11.78			
PCSBMT600-10-1Y		10	15.53	3.00	2.88	1.28	14.34			1
PCSBMT600-12-1Y		12	18.09	3.00	2.88	1.28	16.90			

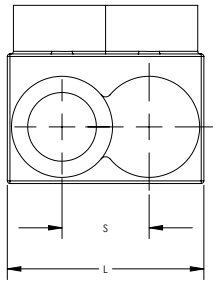
Mult-Tap Connector with Black PVC Insulation, Alternate Port

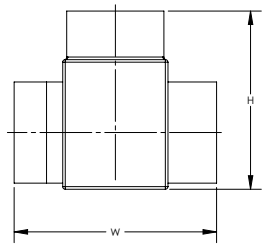
For Use with Aluminum or Copper Code Conductors

Type BLKPSB-AP

- Flexible design can be used as a tap, splice or dead end connector
- Body made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Insulated with black PVC to eliminate the need for taping, UV-1 rating, indoor use only
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wide wire range-taking capability minimizes inventory requirements
- Plated aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C







Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)				Hex Key Size (In.)	Std. Pkg. Qty.
			L	W	H	S		
BLKPSB4-AP-12	#14 AWG - #4 AWG STR #14 AWG - #10 AWG SOL	2	1.08	1.50	1.25	0.44	1/8	12
BLKPSB2/0-AP-12	#14 AWG - #2/0 AWG STR #14 AWG - #10 AWG SOL		1.52	1.56	1.38	0.67	3/16	

Mult-Tap Connector with Black PVC Insulation, Single-Sided

For Use with Aluminum or Copper Code Conductors

Type BLKPSB-S

- Flexible design can be used as a tap, splice or dead end connector
- Body made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Insulated with black PVC to eliminate the need for taping, UV-1 rating, indoor use only
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wide wire range-taking capability minimizes inventory requirements
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C

Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)				Hex Key Size (In.)	Std. Pkg. Qty.
			L	W	H	S		
BLKPSB4-2S-12	#14 AWG - #4 AWG STR. #14 AWG - #10 AWG SOL	2	1	1.13	1.25	0.44	1/8	12

Order number of pieces required, in multiples of Standard Package Quantity.

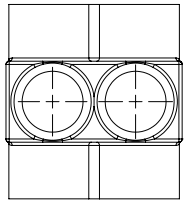
LISTED CERTIFIED

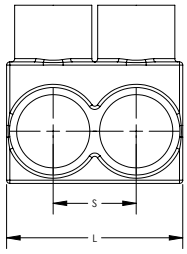
Mult-Tap Connector with Black PVC Insulation, Double-Sided

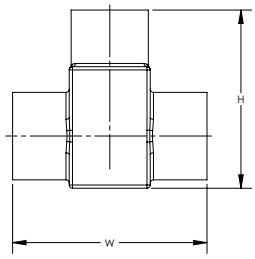
For Use with Aluminum or Copper Code Conductors

Type BLKPSB

- Flexible design can be used as a tap, splice or dead end connector
- Body made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Insulated with black PVC to eliminate the need for taping, UV-1 rating, indoor use only
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wide wire range-taking capability minimizes inventory requirements
- Dual-sided entry allows offset and opposite entry for primary and secondary conductors
- Plated aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C







Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)				Hex Key Size (In.)	Std. Pkg. Qty.
			L	W	H	S		
BLKPSB250-3-6	#10 AWG - 250 kcmil	3	2.97	2.64	2.13	0.94	5/16	6
BLKPSB600-2-4	#6 AWG - 600 kcmil	2	2.72	3	2.75	1.28	3/8	4

Joint Compounds

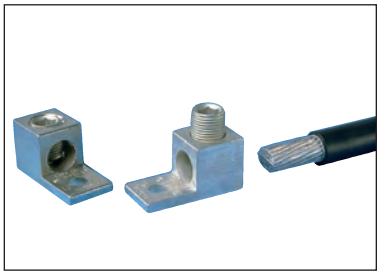
For Use with Aluminum Connectors

Type CMP

- Oxide inhibitor for compression conductor connections lowers electrical resistance of compression joint while sealing out air and moisture to prevent the formation of surface oxides
- Wide operating temperature range; can be used in a wide range of electrical and environmental conditions
- Packaged in convenient dispenser bottles

Part Number	Part Description	Std. Pkg. Qty.
CMP-100-1	Contact aid for pad-to-pad or thread-to-thread aluminum connections, 8 oz. Operating temperature range -60°F (-51°C) to 400°F (204°C).	1

Guidelines for Installing Aluminum Mechanical Connectors



1. Select the correct connector for your application.

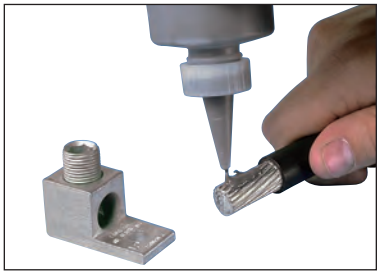
- Always use an aluminum conductor with an aluminum connector
- Verify that the connector is marked for the conductor size and type that you are using

2. Remove the insulation from insulated cable.

- Visit www.panduit.com/tools for Panduit® cable stripping tools
- Use care to avoid nicking the conductor strands
- Strip the insulation to the proper length as listed in the installation instructions provided with Panduit connectors

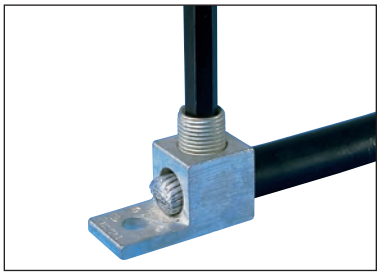
3. Clean the exposed conductor using a wire brush or an emery cloth.

- In a similar manner, clean an unplated connector pad and the surface to which the connector will be attached
- Solvent should be used to clean plated parts that are dirty, but the plating should never be disturbed with abrasives



4. Apply Panduit joint compound to the clean conductor for mechanical connector applications (see page D2.99).

- Joint compound will deter the formation of surface oxides after installation
- Aluminum compression connectors and insulated mechanical connectors are pre-filled with joint compound



5. Insert the conductor into the connector and:

- For mechanical connectors, tighten the screws to the recommended torque values
- For compression connectors, use the recommended die and crimping tool to make the proper compression connection

Order number of pieces required, in multiples of Standard Package Quantity.

Panduit Power Connector Approvals

Logo (Symbol)	Agency	Spec/Approval	Applicable Products
c UL us LISTED	Underwriters Laboratories, Inc.	UL 486A-486B Wire Connectors and Soldering Lugs for use in US and Canada	As shown on product pages.
UL LISTED	Underwriters Laboratories, Inc.	UL 486A-486B Wire Connectors and Soldering Lugs for use in US	As shown on product pages.
	Underwriters Laboratories, Inc.	UL 486A-486B Wire Connectors and Soldering Lugs for use in US	As shown on product pages.
CSA CERTIFIED	Canadian Standards Association	C22.2 No. 65-13 Wire Connectors	As shown on product pages.
ABS TYPE APPROVAL PROGRAM	American Bureau of Shipping	ABS Rules Steel Vessel Rules 1-1-4/7.7, 4-8-3/9.19, 4-8-4/21.27	Copper compression connectors LCA, LCAF, LCAS, LCAX, LCB, LCC, LCD, S-R, LCCX, LCDX, SCS, SCSF, LCMA, LCMD, LCMC, LCMB, SCMS
NEBS Level 3	Telcordia Technologies, Inc.	Network Equipment – Building Systems	Copper compression connectors LCAS, LCA, LCD, LCB, LCC, LCAF, LCCF, SCSS, SCS, SCL, SCSF
IEC	International Stand, European Norm	IEC 61238-1: 2003 CLASS B EN 61238-1:2003	Metric Copper Compression Connectors and Splices for Class 2r Conductor as specified: LCMA, LCMD, SCMS, LCMB, LCMC
CE	European Compliance	Low Voltage Directive	Metric Copper Compression Connectors and Splices for Class 2r Conductor as specified: LCMA, LCMD, SCMS, LCMB, LCMC

Silicon Bronze Hardware

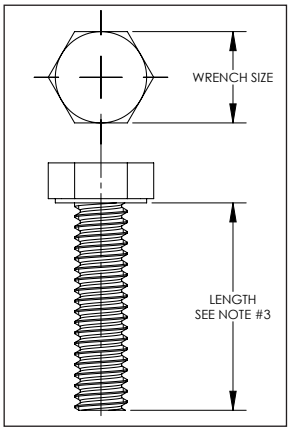
Silicon Bronze Hardware is an excellent choice for electrical connections due to its high-strength, toughness, and corrosion resistance. It is also non-magnetic and free from galvanic action when in contact with copper. All Panduit silicon bronze hardware is certified as premium alloy 651 or 655 except for internal tooth lockwashers which use phosphorous bronze for its increased elasticity benefits.

Proper installation torque is essential to ensure a high conductivity connection that will not loosen from vibration.

- Fully threaded to work in a range of applications
- Complies with ANSI/ASME B18.2.1 dimensions
- United National Coarse Class 2B thread fit

Hex Bolts

Thread Size (UNC)	Recommended Torque (inch-pounds)	Wrench Size (SAE)
1/4-20	80	7/16
5/16-18	180	1/2
3/8-16	240	9/16
7/16-14	350	5/8 (bolt) 11/16 (nut)
1/2-13	480	3/4
5/8-11	660	15/16

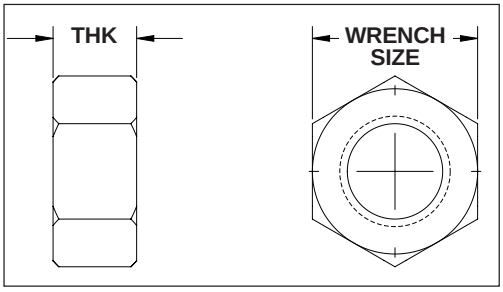


Part Number	Thread Size	Length (In)	Box. Qty.
SBBOLT2550-C	1/4-20	1/2	100
SBBOLT2562-C	1/4-20	5/8	
SBBOLT2575-C	1/4-20	3/4	
SBBOLT25100-C	1/4-20	1	
SBBOLT25125-C	1/4-20	1 1/4	
SBBOLT25150-C	1/4-20	1 1/2	
SBBOLT25200-C	1/4-20	2	
SBBOLT25250-C	1/4-20	2 1/2	
SBBOLT25300-C	1/4-20	3	
SBBOLT3150-C	5/16-18	1/2	
SBBOLT3162-C	5/16-18	5/8	
SBBOLT3175-C	5/16-18	3/4	
SBBOLT31100-C	5/16-18	1	
SBBOLT31125-C	5/16-18	1 1/4	
SBBOLT31150-C	5/16-18	1 1/2	
SBBOLT31175-C	5/16-18	1 3/4	
SBBOLT31200-C	5/16-18	2	
SBBOLT31250-C	5/16-18	2 1/2	
SBBOLT31300-C	5/16-18	3	
SBBOLT3850-C	3/8-16	1/2	
SBBOLT3862-C	3/8-16	5/8	
SBBOLT3875-C	3/8-16	3/4	
SBBOLT38100-C	3/8-16	1	
SBBOLT38125-C	3/8-16	1 1/4	
SBBOLT38150-C	3/8-16	1 1/2	
SBBOLT38175-C	3/8-16	1 3/4	
SBBOLT38200-C	3/8-16	2	
SBBOLT38250-C	3/8-16	2 1/2	
SBBOLT38300-C	3/8-16	3	
SBBOLT44150-C	7/16-14	1 1/2	
SBBOLT44200-C	7/16-14	2	
SBBOLT5050-C	1/2-13	1/2	
SBBOLT5062-C	1/2-13	5/8	
SBBOLT5075-C	1/2-13	3/4	
SBBOLT50100-C	1/2-13	1	
SBBOLT50125-C	1/2-13	1 1/4	
SBBOLT50150-C	1/2-13	1 1/2	
SBBOLT50175-C	1/2-13	1 3/4	
SBBOLT50200-C	1/2-13	2	
SBBOLT50250-C	1/2-13	2 1/2	
SBBOLT50300-L	1/2-13	3	50
SBBOLT6250-C	5/8-11	1/2	100
SBBOLT6262-C	5/8-11	5/8	
SBBOLT62100-C	5/8-11	1	
SBBOLT62125-C	5/8-11	1 1/4	
SBBOLT62150-L	5/8-11	1 1/2	50
SBBOLT62200-L	5/8-11	2	
SBBOLT62250-L	5/8-11	2 1/2	
SBBOLT62300-L	5/8-11	3	

Order number of pieces required, in multiples of Standard Package Quantity.

Hex Nuts

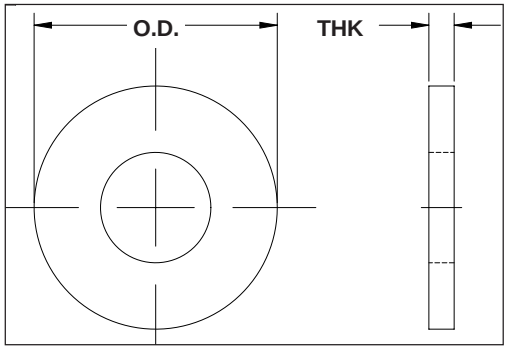
- Complies with ANSI/ASME B18.2.2 dimensions
- United National Coarse Class 2B thread fit



Part Number	Thread Size	THK (In)	Box. Qty.
SBNUT25-C	1/4-20	7/32	100
SBNUT31-C	5/16-18	17/64	
SBNUT38-C	3/8-16	21/64	
SBNUT44-C	7/16-14	3/8	
SBNUT50-C	1/2-13	7/16	
SBNUT62-C	5/8-11	35/64	

Flat Washers

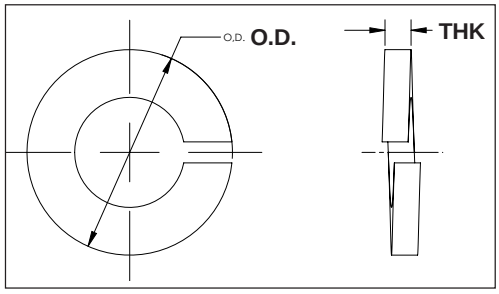
- Complies with ANSI/ASME B18.22.1 Type A narrow dimensions (SAE)



Part Number	O.D. (In)	THK (In)	Box. Qty.
SBFW25-C	5/8	.065	100
SBFW31-C	11/16	.065	
SBFW38-C	13/16	.065	
SBFW44-C	59/64	.065	
SBFW50-C	1 1/16	.095	
SBFW62-C	1 5/16	.095	

Split Lockwashers

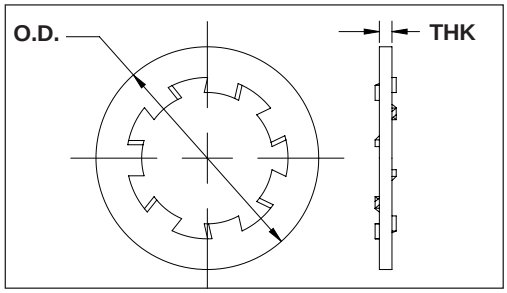
- Complies with ANSI/ASME B18.21.1 dimensions
- Spring action exerts constant pressure on the face of the nut, preventing it from loosening



Part Number	O.D. (In)	THK (In)	Box. Qty.
SBSLW25-C	0.487	0.062	100
SBSLW31-C	0.583	0.078	
SBSLW38-C	0.680	0.094	
SBSLW44-C	0.776	0.109	
SBSLW50-C	0.869	0.125	
SBSLW62-C	1.073	0.156	

Internal Tooth Lockwashers

- Complies with ANSI/ASME B18.21.1 dimensions
- Angle of teeth present a biting edge that digs into the nut, preventing it from loosening



Part Number	O.D. (In)	THK (In)	Box. Qty.
SBITW25-C	0.478	0.028	100
SBITW31-C	0.610	0.034	
SBITW38-C	0.692	0.040	
SBITW44-C	0.789	0.040	
SBITW50-C	0.900	0.045	
SBITW62-C	1.071	0.050	

Stainless Steel Hardware

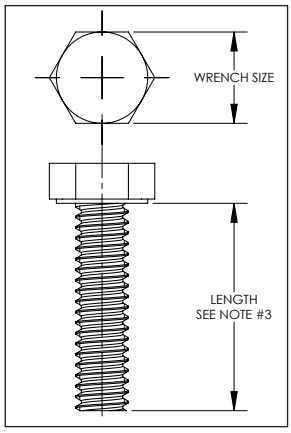
Stainless Steel is an economical choice for electrical connections due to its high strength and corrosion resistance. All Panduit stainless steel hardware is grade 18-8 which may be mildly magnetic.

Proper installation torque is essential to ensure a high conductivity connection that will not loosen from vibration.

- Fully threaded to work in a range of applications
- Complies with ANSI/ASME B18.2.1 dimensions
- United National Coarse Class 2B thread fit

Hex Bolts

Thread Size (UNC)	Recommended Torque (inch-pounds)	Wrench Size (SAE)
1/4-20	80	7/16
5/16-18	180	1/2
3/8-16	240	9/16
1/2-13	480	3/4
5/8-11	660	15/16

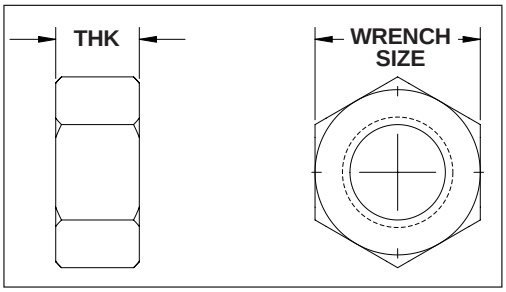


Part Number	Thread Size	Length (In)	Box. Qty.
SSBOLT2525-C	1/4-20	1/4	
SSBOLT2550-C	1/4-20	1/2	
SSBOLT2562-C	1/4-20	5/8	
SSBOLT2575-C	1/4-20	3/4	
SSNTS1420-C	1/4-20	1	
SSBOLT25125-C	1/4-20	1 1/4	
SSBOLT25150-C	1/4-20	1 1/2	
SSBOLT25175-C	1/4-20	1 3/4	
SSBOLT25200-C	1/4-20	2	
SSBOLT25250-C	1/4-20	2 1/2	
SSBOLT25300-C	1/4-20	3	
SSBOLT3150-C	5/16-18	1/2	
SSBOLT3162-C	5/16-18	5/8	
SSBOLT3175-C	5/16-18	3/4	
SSBOLT31100-C	5/16-18	1	
SSBOLT31125-C	5/16-18	1 1/4	
SSBOLT31150-C	5/16-18	1 1/2	
SSBOLT31175-C	5/16-18	1 3/4	
SSBOLT31200-C	5/16-18	2	
SSBOLT31250-C	5/16-18	2 1/2	
SSBOLT31300-C	5/16-18	3	100
SSBOLT3850-C	3/8-16	1/2	
SSBOLT3862-C	3/8-16	5/8	
SSBOLT3875-C	3/8-16	3/4	
SSNTS3816-C	3/8-16	1	
SSBOLT38125-C	3/8-16	1 1/4	
SSBOLT38150-C	3/8-16	1 1/2	
SSBOLT38175-C	3/8-16	1 3/4	
SSBOLT38200-C	3/8-16	2	
SSBOLT38250-C	3/8-16	2 1/2	
SSBOLT38300-C	3/8-16	3	
SSBOLT5050-C	1/2-13	1/2	
SSBOLT5062-C	1/2-13	5/8	
SSBOLT5075-C	1/2-13	3/4	
SSBOLT50100-C	1/2-13	1	
SSBOLT50125-C	1/2-13	1 1/4	
SSBOLT50150-C	1/2-13	1 1/2	
SSBOLT50175-C	1/2-13	1 3/4	
SSBOLT50200-C	1/2-13	2	
SSBOLT50250-C	1/2-13	2 1/2	
SSBOLT50300-L	1/2-13	3	50
SSBOLT6250-C	5/8-11	1/2	
SSBOLT6262-C	5/8-11	5/8	
SSBOLT6275-C	5/8-11	3/4	100
SSBOLT62100-C	5/8-11	1	
SSBOLT62125-C	5/8-11	1 1/4	
SSBOLT62150-L	5/8-11	1 1/2	
SSBOLT62175-L	5/8-11	1 3/4	
SSBOLT62200-L	5/8-11	2	50
SSBOLT62250-L	5/8-11	2 1/2	
SSBOLT62300-L	5/8-11	3	

Order number of pieces required, in multiples of Standard Package Quantity.

Hex Nuts

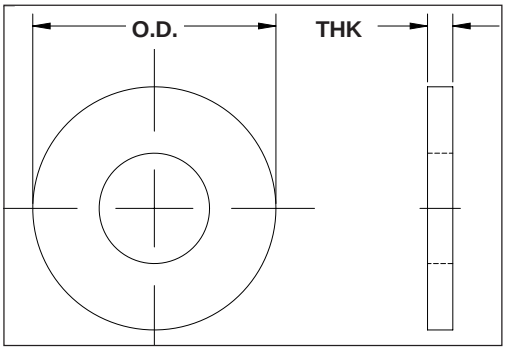
Panduit stainless steel hex nuts comply with industry standard ANSI/ASME B18.2.2 dimensions and have a Unified National Coarse Class 2B thread fit.



Part Number	Thread Size	THK (In)	Box. Qty.
SSN1420-C	1/4-20	7/32	100
SSNUT31-C	5/16-18	17/64	
SSN3816-C	3/8-16	21/64	
SSNUT50-C	1/2-13	7/16	
SSNUT62-C	5/8-11	35/64	

Flat Washers

Panduit stainless steel flat washers comply with industry standard ANSI/ASME B18.22.1 Type A narrow dimensions (SAE), except for SSFW38-C.

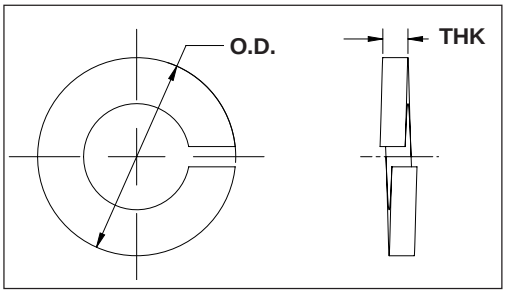


Part Number	O.D. (In)	THK (In)	Box. Qty.
SSFW14-C	5/8	.065	100
SSFW31-C	11/16	.065	
SSFW38-C	7/8	.050	
SSFW50-C	1 1/16	.095	
SSFW62-C	1 5/16	.095	

Split Lockwashers

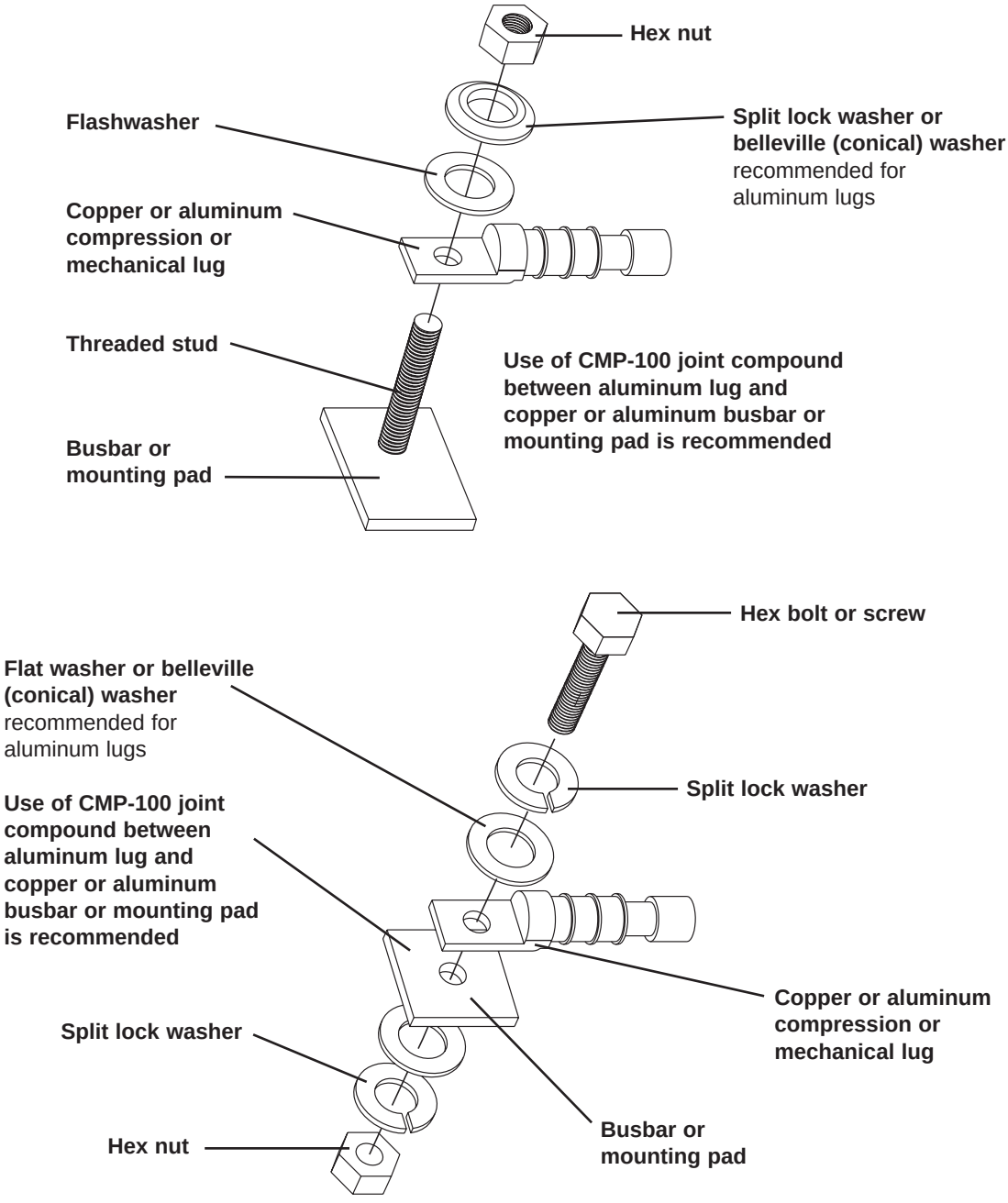
Panduit stainless steel split lockwashers comply with industry standard ANSI/ASME B18.21.1 dimensions.

The spring action exerts constant pressure on the face of the nut, preventing it from loosening.



Part Number	O.D. (In)	THK (In)	Box. Qty.
SSSLW25-C	0.487	0.062	100
SSSLW31-C	0.583	0.078	
SSSLW38-C	0.680	0.094	
SSSLW50-C	0.869	0.125	
SSSLW62-C	1.073	0.156	

Recommended Termination Hardware



Recommended Hardware Material

Material Configuration of Lug/Mounting Surface

Copper to Copper	Aluminum to Copper	Aluminum to Aluminum	Copper to Steel	Aluminum to Steel
1. Silicon bronze 2. Stainless steel	1. Silicon bronze 2. Aluminum 3. Stainless steel	1. Aluminum 2. Stainless steel 3. Plated silicon bronze	1. Silicon bronze 2. Stainless steel	1. Aluminum 2. Stainless steel

Order number of pieces required, in multiples of Standard Package Quantity.

Conductor Sizes

Copper Concentric Stranded Conductor Sizes

Conductor Size AWG or kcmil	Number of Strands	Nominal Diameter (In.)	Class
#20	7	0.036 /3	B
#18	7	0.045 /6	B
#16	7	0.057 /6	B
#14	7	0.072 /6	B
#12	7	0.091 /5	B
#10	7	0.116	B
#9	7	0.130	B
#8	7	0.146	B
#7	7	0.164	B
#6	7	0.184	B
#5	7	0.206	B
#4	3	0.254	AA
#4	7	0.232	B&A
#3	3	0.285	AA
#3	7	0.260	B&A
#2	3	0.320	AA
#2	7	0.292	B&A
#1	3	0.360	AA
#1	7	0.328	AA
#1	19	0.332	B
1/0	7	0.368	A&A
1/0	12	0.390	—
1/0	19	0.373	B
2/0	7	0.414	A&A
2/0	12	0.438	—
2/0	19	0.419	B
3/0	7	0.464	A&A
3/0	12	0.492	—
3/0	19	0.470	B
4/0	7	0.522	A&A
4/0	12	0.522	—
4/0	19	0.528	B
250	12	0.600	AA
250	19	0.574	A
250	37	0.575	B
300	12	0.657	AA
300	19	0.628	A
300	37	0.630	B
350	12	0.710	AA
350	19	0.679	A
350	37	0.681	B
400	19	0.726	A&AA
400	37	0.728	B
450	19	0.770	AA
450	37	0.772	B&A
500	19	0.811	AA
500	37	0.813	B&A
600	37	0.891	A&AA
600	61	0.893	B
700	37	0.963	BB
700	61	0.964	B&A
750	37	0.977	AA
750	61	0.998	B&A
800	37	1.029	AA
800	61	1.031	B&A
900	37	1.092	AA
900	61	1.094	B&A
1000	37	1.151	AA
1000	61	1.152	B&A
1000	61	1.152	B&A

Flexible Copper Conductor Sizes

Conductor Size AWG or kcmil	Number of Strands	Nominal Diameter (In.)	Class
#8	41/.0201	0.156	I
#8	49/.0184	0.166	G
#8	133/.0111	0.167	H
#8	168/.010	0.157	K
#8	37	0.330	Locomotive (DLO)
#8	420/.0063	0.162	M
#7	49/.0206	0.185	G
#7	52/.0201	0.185	I
#7	133/.0125	0.188	H
#7	210/.010	0.179	K
#7	—	—	Locomotive (DLO)
#7	532/.0063	0.196	M
#6	49/.0231	0.208	G
#6	63/.0201	0.207	I
#6	133/.0140	0.210	H
#6	266/.010	0.210	K
#6	61	0.410	Locomotive (DLO)
#6	665/.0063	0.215	M
#5	49/.0260	0.234	G
#5	84/.0201	0.235	I
#5	133/.0158	0.237	H
#5	336/.010	0.235	K
#5	—	—	Locomotive (DLO)
#5	836/.0063	0.240	M
#4	49/.0292	0.263	G
#4	105/.0201	0.263	I
#4	133/.0177	0.266	H
#4	420/.010	0.272	K
#4	105	0.460	Locomotive (DLO)
#4	1064/.0063	0.269	M
#3	49/.0328	0.295	G
#3	133/.0199	0.299	H
#3	133/.0201	0.291	I
#3	532/.010	0.304	K
#3	125	0.480	Locomotive (DLO)
#3	1323/.0063	0.305	M
#2	49/.0368	0.331	G
#2	133/.0223	0.335	H
#2	161/.0201	0.319	I
#2	665/.010	0.338	K
#2	150	0.510	Locomotive (DLO)
#2	1666/.0063	0.337	M
#1	133/.0251	0.337	G
#1	210/.0201	0.367	I
#1	259/.018	0.378	H
#1	836/.010	0.397	K
#1	225	0.650	Locomotive (DLO)
#1	2107/.0063	0.376	M
1/0	133/.0282	0.423	G
1/0	259/.0202	0.424	H
1/0	266/.0201	0.441	I
1/0	1064/.010	0.451	K
1/0	275	0.680	Locomotive (DLO)
1/0	2646/.0063	0.423	M
2/0	133/.0316	0.474	G
2/0	259/.0227	0.477	H
2/0	342/.0201	0.500	I
2/0	1323/.010	0.470	K
2/0	325	0.720	Locomotive (DLO)
2/0	3325/.0063	0.508	M

Continued on next page

Conductor Sizes (continued)

Flexible Copper Conductor Sizes

Conductor Size AWG or kcmil	No. of Strands/ Strand Dia.	Nominal Diameter (In.)	Class
3/0	133/.0355	0.533	G
3/0	259/.0255	0.536	H
3/0	418/.0201	0.549	I
3/0	1666/.010	0.533	K
3/0	450	0.565	Locomotive (DLO)
3/0	4256/.0063	0.576	M
4/0	133/.0399	0.599	G
4/0	259/.0286	0.601	H
4/0	532/.0201	0.613	I
4/0	2107/.010	0.627	K
4/0	550	0.840	Locomotive (DLO)
4/0	5320/.0063	0.645	M
250	259/.0311	0.650	G
250	427/.0242	0.653	H
250	637/.0201	0.682	I
250	2499/.010	0.682	K
262.6	650	0.960	Locomotive (DLO)
250	6384/.0063	0.713	M
300	259/.0340	0.714	G
300	427/.0265	0.716	H
300	735/.0201	0.737	I
300	2989/.010	0.768	K
313.1	775	1.040	Locomotive (DLO)
300	7581/.0063	0.768	M
350	259/.0368	0.773	G
350	427/.0268	0.772	H
350	882/.0201	0.800	I
350	3458/.010	0.809	K
373.7	925	1.140	Locomotive (DLO)
350	8806/.0063	0.825	M
400	259/.0393	0.825	G
400	427/.0306	0.826	H
400	980/.0201	0.831	I
400	3990/.010	0.878	K
400	—	—	Locomotive (DLO)
400	10101/.0063	0.901	M
450	259/.0417	0.876	G
450	427/.325	0.878	H
450	1127/.0201	0.894	I
450	4522/.010	0.933	K
444.4	1100	1.230	Locomotive (DLO)
450	11396/.0063	0.940	M
500	259/.0439	0.922	G
500	427/.0342	0.923	H
500	1125/.0201	0.941	I
500	5054/.010	0.988	K
535.3	1325	1.320	Locomotive (DLO)
500	12691/.0063	0.997	M
600	427/.0375	1.013	G
600	703/.0292	1.022	H
600	1470/.0201	1.027	I
600	5985/.010	1.125	K
646.4	1600	1.450	Locomotive (DLO)
600	14945/.0063	1.084	M

Flexible Copper Conductor Sizes

Conductor Size AWG or kcmil	No. of Strands/ Strand Dia.	Nominal Diameter (In.)	Class
700	427/.0405	1.094	G
700	703/.0316	1.106	H
700	1729/.0201	1.194	I
700	6916/.010	1.207	K
777.7	1925	1.540	Locomotive (DLO)
700	17507/.0063	1.183	M
800	427/.0433	1.169	G
800	703/.0337	1.180	H
800	1995/.0201	1.290	I
800	7980/.010	1.305	K
800	—	—	Locomotive (DLO)
800	20069/.0063	1.256	M
900	427/.0459	1.239	G
900	703/.0358	1.253	H
900	2261/.0201	1.372	I
900	9065/.010	1.323	K
900	—	—	Locomotive (DLO)
900	22631/.0063	1.331	M
1000	427/.0484	1.307	G
1000	703/.0377	1.320	H
1000	2527/.0201	1.427	I
1000	10101/.010	1.419	K
1000	—	—	Locomotive (DLO)
1000	25193/.0063	1.404	M

Copper Compact Stranded Conductor Sizes

Conductor Size AWG or kcmil	Number of Strands	Conductor Diameter (In.)	Class
#8	7	0.134	Compact
#6	7	0.169	Compact
#4	7	0.213	Compact
#2	7	0.268	Compact
#1	19	0.299	Compact
1/0	19	0.336	Compact
1/0	19	0.376	Compact
3/0	19	0.423	Compact
4/0	19	0.475	Compact
250	37	0.520	Compact
300	37	0.570	Compact
350	37	0.616	Compact
400	37	0.659	Compact
450	37	0.700	Compact
500	37	0.736	Compact
550	61	0.775	Compact
600	61	0.813	Compact
650	61	0.845	Compact
700	61	0.877	Compact
750	61	0.908	Compact
800	61	0.938	Compact
900	61	0.999	Compact
1000	61	1.060	Compact

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Conductor Sizes (continued)

Copper Solid Conductor Sizes

Solid Copper Conductor Size AWG or kcmil	Conductor Diameter (In.)
#18	0.040
#17	0.045
#16	0.050
#15	0.057
#14	0.064
#13	0.071
#12	0.080
#11	0.090
#10	0.101
#9	0.114
#8	0.128
#7	0.128
#6	0.162
#5	0.181
#4	0.204
#3	0.229
#2	0.257
#1	0.289
1/0	0.324
2/0	0.364
3/0	0.409
4/0	0.460

Aluminum Concentric Stranded Conductor Sizes

Class B Aluminum Concentric AWG or kcmil	Number of Strands	Diameter of each Strand (Mils)
#8	7	48.6
#7	7	54.5
#6	7	61.2
#5	7	68.8
#4	7	77.2
#3	7	86.7
#2	7	97.4
#1	19	66.4
1/0	19	74.5
2/0	19	83.7
3/0	19	94.0
4/0	19	105.5
250	37	82.2
300	37	90.0
350	37	97.3
400	37	104.0
450	37	110.3
500	37	116.2
550	61	95.0
600	61	99.2
650	61	103.2
700	61	107.1
750	61	110.9
800	61	114.5
900	61	121.5
1000	61	128.0

Aluminum Compact Stranded Conductor Sizes

Compact Aluminum AWG or kcmil	Class ASTM B400	Number of Strands	Conductor Diameter (In.)
#8	A, B	7	0.134
#6	A, B	7	0.169
#4	A, B	7	0.213
#3	A, B	7	0.238
#2	AA, A, B	7	0.268
#1	AA, A	7	0.299
#1	B	19	0.299
1/0	AA, A	7	0.336
1/0	B	19	0.336
2/0	AA, A	7	0.376
2/0	B	19	0.376
3/0	AA, A	7	0.423
3/0	B	19	0.423
4/0	AA, A	7	0.475
4/0	B	19	0.475
250	AA	7	0.520
250	A	19	0.520
250	B	37	0.520
266	AA	7	0.337
266	A	19	0.337
300	AA	7	0.570
300	A	19	0.570
300	B	37	0.570
336	AA	7	0.603
336	A	19	0.603
350	A	19	0.616
350	B	37	0.616
397	AA, A	19	0.659
400	B	37	0.659
450	B	37	0.700
477	AA	19	0.722
500	AA	19	0.736
500	B	37	0.736
550	B	61	0.775
556	AA	19	0.780
600	B	61	0.813
650	B	61	0.845
700	B	61	0.877
750	B	61	0.908
800	B	61	0.938
900	B	61	0.999
1000	B	61	1.060

Common Conductor Sizes and Strandings Reference Chart

Conductor		Individual Strands			Overall Conductor Size			Conductor		Individual Strands			Overall Conductor Size		
			Diameter		Diameter		Area				Diameter		Diameter		Area
AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. Mils	AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. Mils
	.05	25	0.05	0.002	0.25	0.010	97			19	0.25	0.010	1.30	0.051	1841
	.06	41	0.05	0.002	0.36	0.014	159		1.0	1	1.13	0.044	1.13	0.044	1979
		10	0.13	0.005	0.53	0.021	250			32	0.20	0.008	1.30	0.051	1984
26		1	0.41	0.016	0.41	0.016	256			7	0.43	0.017	1.30	0.051	2006
		7	0.16	0.006	0.48	0.019	278			19	0.29	0.011	1.47	0.058	2426
		19	0.10	0.004	0.51	0.020	304			65	0.16	0.006	1.50	0.059	2580
		41	0.08	0.003	0.58	0.023	384			*26	0.25	0.010	1.50	0.059	2600
		10	0.16	0.006	0.58	0.023	397	16		1	1.30	0.051	1.30	0.051	2601
24		1	0.51	0.020	0.51	0.020	400			105	0.13	0.005	1.50	0.059	2625
		7	0.20	0.008	0.61	0.024	448			*7	0.51	0.020	1.52	0.060	2828
		19	0.13	0.005	0.61	0.024	475			30	0.25	0.010	1.70	0.067	2906
		65	0.07	0.003	0.65	0.026	484			21	0.30	0.012	1.60	0.063	2930
	0.25	128	0.05	0.002	0.65	0.026	496		1.5	189	0.10	0.004	1.90	0.075	2930
		32	0.10	0.004	0.65	0.026	496			7	0.52	0.020	1.60	0.063	2934
		14	0.16	0.006	0.65	0.026	556			1	1.38	0.054	1.38	0.054	2952
		1	0.64	0.025	0.64	0.025	625			45	0.16	0.006	1.85	0.073	3786
		16	0.16	0.006	0.76	0.030	635			19	0.38	0.014	1.85	0.073	3831
22		26	0.13	0.005	0.76	0.030	650	14		1	1.63	0.064	1.63	0.064	4096
		7		0.010	0.76	0.030	700			*41	0.25	0.010	1.85	0.073	4100
		19	0.16	0.006	0.79	0.031	754			*7	0.64	0.025	1.85	0.073	4481
		48	0.10	0.004	0.80	0.031	744			50	0.25	0.010	2.20	0.087	4844
		194	0.05	0.002	0.80	0.031	752			7	0.67	0.026	2.10	0.083	4871
	0.38	100	0.07	0.003	0.80	0.031	760		2.5	35	0.30	0.012	2.20	0.087	4883
		7	0.27	0.011	0.80	0.031	791			315	0.10	0.004	2.20	0.087	4883
		12	0.21	0.008	0.80	0.031	820			1	1.78	0.070	1.78	0.070	4911
		21	0.16	0.006	0.80	0.031	833			19	0.45	0.018	2.36	0.093	6088
			0.30	0.012	0.90	0.035	977			*65	0.25	0.010	2.41	0.095	6500
	0.5	16	0.20	0.008	0.90	0.035	992	12		165	0.16	0.006	2.41	0.095	6549
		1	0.80	0.031	0.80	0.031	992			1	2.06	0.081	2.06	0.081	6561
		*10	0.25	0.010	0.89	0.035	1000			*7	0.81	0.032	2.44	0.096	7168
		1	0.81	0.032	0.81	0.032	1024			56	0.30	0.012	3.10	0.122	7812
		41	0.13	0.005	0.91	0.036	1025			1	2.26	0.089	2.26	0.089	7917
20		26	0.16	0.006	0.91	0.036	1032		4.0	511	0.10	0.004	3.00	0.118	7921
		*7	0.32	0.013	0.97	0.038	1111			19	0.52	0.020	2.70	0.106	7963
		19	0.20	0.008	0.94	0.037	1216			37	0.40	0.016	2.92	0.115	9354
		7	0.37	0.015	1.10	0.043	1485			49	0.36	0.014	2.95	0.116	9880
	0.75	24	0.20	0.008	1.20	0.047	1488	10		*7	0.98	0.039	2.95	0.116	10376
		1	1.00	0.039	1.00	0.039	1550			1	2.59	0.102	2.59	0.102	10404
		*16	0.25	0.010	1.19	0.047	1600			*105	0.25	0.010	2.95	0.116	10500
		1	1.02	0.040	1.02	0.040	1600			84	0.30	0.012	3.50	0.138	11718
		65	0.13	0.005	1.19	0.047	1625			756	0.10	0.004	3.70	0.146	11718
18		41	0.16	0.006	1.19	0.047	1627		6.0	1	2.76	0.109	2.76	0.109	11807
		*7	0.40	0.016	1.22	0.048	1770			7	1.05	0.041	3.20	0.126	11962
		19	0.25	0.010	1.24	0.049	1900			19	0.64	0.025	3.30	0.130	12063

*Strandings required for UL and CSA certification testing.

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Common Conductor Sizes and Strandings Reference Chart (continued)

Conductor		Individual Strands			Overall Conductor Size			Conductor		Individual Strands			Overall Conductor Size		
			Diameter		Diameter		Area				Diameter		Diameter		Area
AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. Mils	AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. Mils
	6	7	0.107	0.042	3.21	0.126	11840		95	19	2.57	0.101	12.8	0.505	187500
		1	2.77	0.109	2.77	0.109	11840			37	1.83	0.072	12.5	0.504	187500
9		7	1.1	0.0432	3.3	0.13	13000	4/0		19	2.89	0.1055	13.4	0.528	211600
		1	2.91	0.1144	2.91	0.114	13090		120	37	2.06	0.081	14.4	0.567	237.8 kcmil
8		1	3.26	0.1285	3.25	0.128	16510	250 kcmil		37	2.07	0.0822	14.6	0.575	250 kcmil
		7	1.23	0.0486	3.7	0.146	16510	300 kcmil	150	37	2.29	0.09	16	0.63	300 kcmil
	10	7	1.37	0.054	4.12	0.162	19740	350 kcmil		37	2.47	0.0973	17.3	0.681	350 kcmil
		1	3.58	0.141	3.58	0.141	19740		185	37	2.54	0.1	17.8	0.7	365.1 kcmil
7		7	1.38	0.0545	4.15	0.164	20520	400 kcmil		37	2.64	0.104	18.5	0.728	400 kcmil
		1	3.67	0.1443	3.67	0.144	20520		240	37	2.9	0.114	20.3	0.798	473.6 kcmil
6		7	1.55	0.0612	4.66	0.184	26240			61	2.26	0.089	20.3	0.801	473.6 kcmil
		1	4.11	0.162	4.11	0.162	26240	500 kcmil		37	2.95	0.1162	20.7	0.813	500 kcmil
	16	7	1.73	0.08	5.13	0.204	31580			61	2.3	0.0905	20.7	0.814	500 kcmil
5		7	1.75	0.0688	5.24	0.206	33090		300 kcmil	61	2.51	0.099	22.6	0.891	592.1 kcmil
4		7	1.96	0.0772	5.88	0.232	41740	600 kcmil		61	2.52	0.0992	22.7	0.893	600 kcmil
	25	7	2.16	0.085	6.48	0.255	49340	700 kcmil		61	2.72	0.1071	24.5	0.964	700 kcmil
		19	1.32	0.052	6.6	0.26	49340	750 kcmil		61	2.82	0.1109	25.4	0.998	750 kcmil
3		7	2.2	0.0867	6.61	0.26	52620			91	2.31	0.0908	25.4	0.998	750 kcmil
2		7	2.47	0.0974	7.42	0.292	66300		400	61	2.9	0.114	26.1	1.026	798.4 kcmil
	35	7	2.54	0.1	7.62	300	69070	800 kcmil		61	2.91	0.1145	26.2	1.031	800 kcmil
		19	1.55	0.001	7.75	0.305	69070			91	2.38	0.0938	26.2	1.032	800 kcmil
1		19	1.5	0.0064	8.43	0.332	83690	1000 kcmil	500	61	3.25	0.128	28.3	1.152	986.8 kcmil
	50	19	1.85	0.073	9.27	0.365	98680			91	2.66	0.1048	29.3	1.153	1000 kcmil
1/0		19	1.59	0.0745	9.46	0.373	10500		625	91	2.97	0.117	32.7	1.287	1233.7 kcmil
2/0		19	2.13	0.0837	10.6	0.419	133100								
	70	19	2.18	0.086	10.9	0.43	138100								
3/0		19	2.59	0.094	11.9	0.47	167800								
		36	1.71	0.0673	12	0.471	167800								

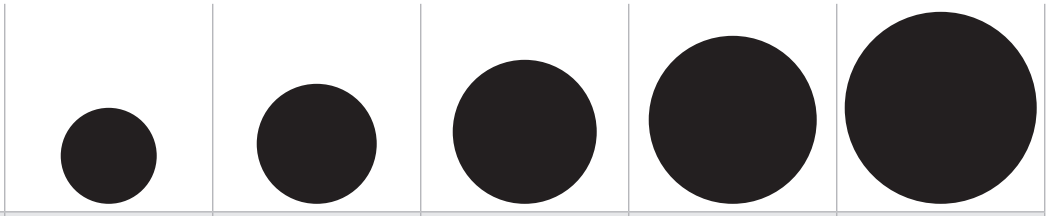
This chart details the different conductors commonly used in the industry. For each size, either AWG or Metric, various stranding options are listed. Typically the higher stranding is used in applications requiring greater conductor flexibility.

AWG to Metric Wire Crosses

AWG	Metric (mm²)
26 - 22	0.1 - 0.5
22 - 18	0.5 - 1.0
16 - 14	1.5 - 2.5
12 - 10	4.0 - 6.0

Stud Size Chart (Inches)

Standard Stud Size	#2	#4	#5	#6	#8	#10	1/4"	5/16"	3/8"	7/16"
Stud Size Decimal Equivalent	0.086"	0.112"	0.127"	0.138"	0.164"	0.190"	0.250"	0.312"	0.375"	0.438"
Terminal Hole Diameter	0.090"	0.118"	0.130"	0.147"	0.173"	0.204"	0.270"	0.343"	0.392"* 0.406"**	0.456"
Stud Size Designation in Panduit Part Number	2	4	5	6	8	10	14	56	38	76



Standard Stud Size	1/2"	5/8"	3/4"	7/8"	1"
Stud Size Decimal Equivalent	0.500"	0.625"	0.750"	0.875"	1.00"
Terminal Hole Diameter	531"	0.656"	0.810"	0.906"	1.031"
Stud Size Designation in Panduit Part Number	12	58	34	78	1

Equivalent Tables Decimal/Inches

1/64	0.0156
1/32	0.0312
3/64	0.0468
1/16	0.0625
5/64	0.0781
3/32	0.0937
7/64	0.1093
1/8	0.125
9/64	0.1406
5/32	0.1562
11/64	0.1718
3/16	0.1875
13/64	0.2031
7/32	0.2187
15/64	0.2343
1/4	0.25

17/64	0.2656
9/32	0.2812
19/64	0.2968
5/16	0.3125
21/64	0.3281
11/32	0.3437
23/64	0.3593
3/8	0.375
25/64	0.3906
13/32	0.4062
27/64	0.4218
7/16	0.4375
29/64	0.4531
15/32	0.4687
31/64	0.4843
1/2	0.5

33/64	0.5156
17/32	0.5312
35/64	0.5468
9/16	0.5625
37/64	0.5781
19/32	0.5937
39/64	0.6093
5/8	0.625
41/64	0.6406
21/32	0.6562
43/64	0.6718
11/16	0.6875
45/64	0.7031
23/32	0.7187
47/64	0.7343
3/4	0.75

49/64	0.7656
25/32	0.7812
51/64	0.7968
13/16	0.8125
53/64	0.8281
27/32	0.8437
55/64	0.8593
7/8	0.875
57/64	0.8906
29/32	0.9062
59/64	0.9218
15/16	0.9375
61/64	0.9531
31/32	0.9687
63/64	0.9843
1	1.

Order number of pieces required, in multiples of Standard Package Quantity.

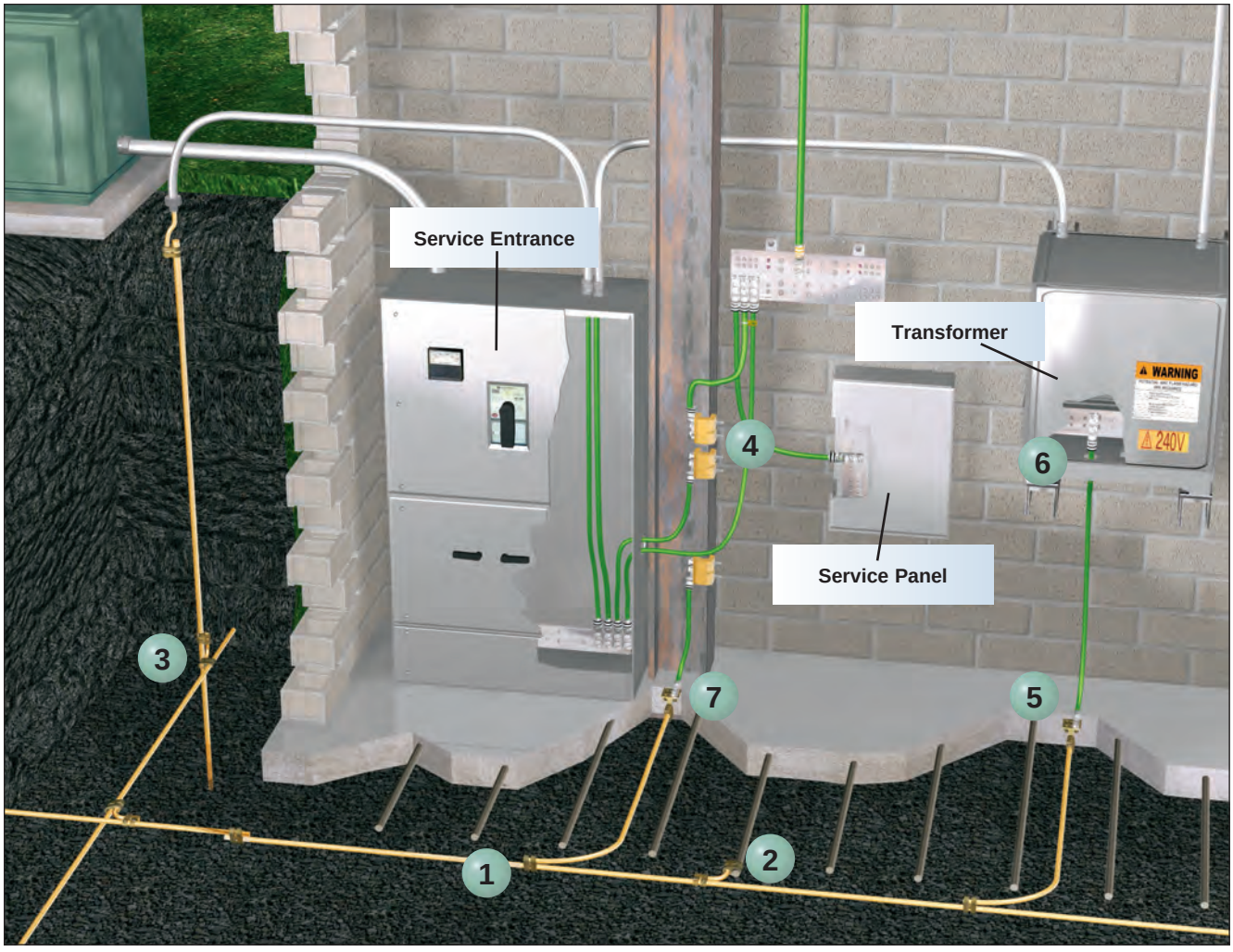
Grounding Connectors

Panduit® offers a wide variety of StructuredGround™ Grounding Connectors that are available in a broad range of styles and sizes such as manual, controlled cycle, and battery-operated hydraulic crimping tools. The connectors are designed for use with various code and flex conductor types which meet application needs and provide the lowest installed cost.

- **Functional product information is marked directly on the connector, facilitating the identification, ordering, and usage of the grounding connector**
- **Compression connectors are color-coded to facilitate quick identification of the proper crimping die**
- **Mechanical connectors are designed for easy installation – no special tools required**
- **Incorporate wide wire range-taking capability to minimize inventory requirements**
- **Made from high strength, high conductivity electrolytic copper and aluminum alloy materials to provide optimum connectivity for both power and grounding applications**
- **Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools, including BlackFin™ installation tools, for reliable connections at the lowest installed cost**
- **Broad range of styles and sizes for use with a variety of code and flex conductor types**

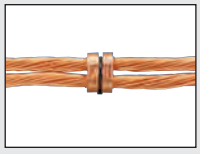
Panduit grounding connectors help create a safe and reliable grounding system that provides a high-quality, visually verifiable, and dedicated grounding path. This helps customers maintain system performance, improve network reliability, and safeguard network equipment and personnel while meeting today's application requirements.

StructuredGround™ Direct Burial Compression Grounding System Roadmap



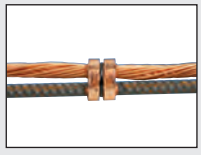
1 Conductor to Conductor

E Style Grounding Connectors: Create bonds between parallel grounding conductors. (see page D3.8)



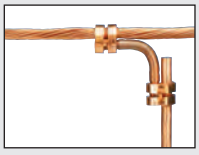
2 Conductor to Rebar

E Style Grounding Connectors: Allow bonds to reinforcing bars. (see page D3.8)



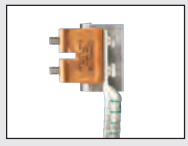
3 Conductor to Ground Rod

Grounding Cross Connectors: Create bonds between perpendicular grounding conductors. (see page D3.9)



4 Conductor to Building Steel

Universal Beam Grounding Clamp: Bonds structural steel to grounding conductor system. (see page D3.10)

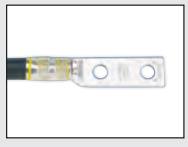


5 Conductor to Grounding Electrodes

Grounding Plate Connector: Allows bonds through concrete. (see page D3.11)

6 Related Product LCC-W

Long Barrel Two-Hole Code Conductor Lugs: For use with stranded copper conductors. (see pages D2.21 – D2.24)



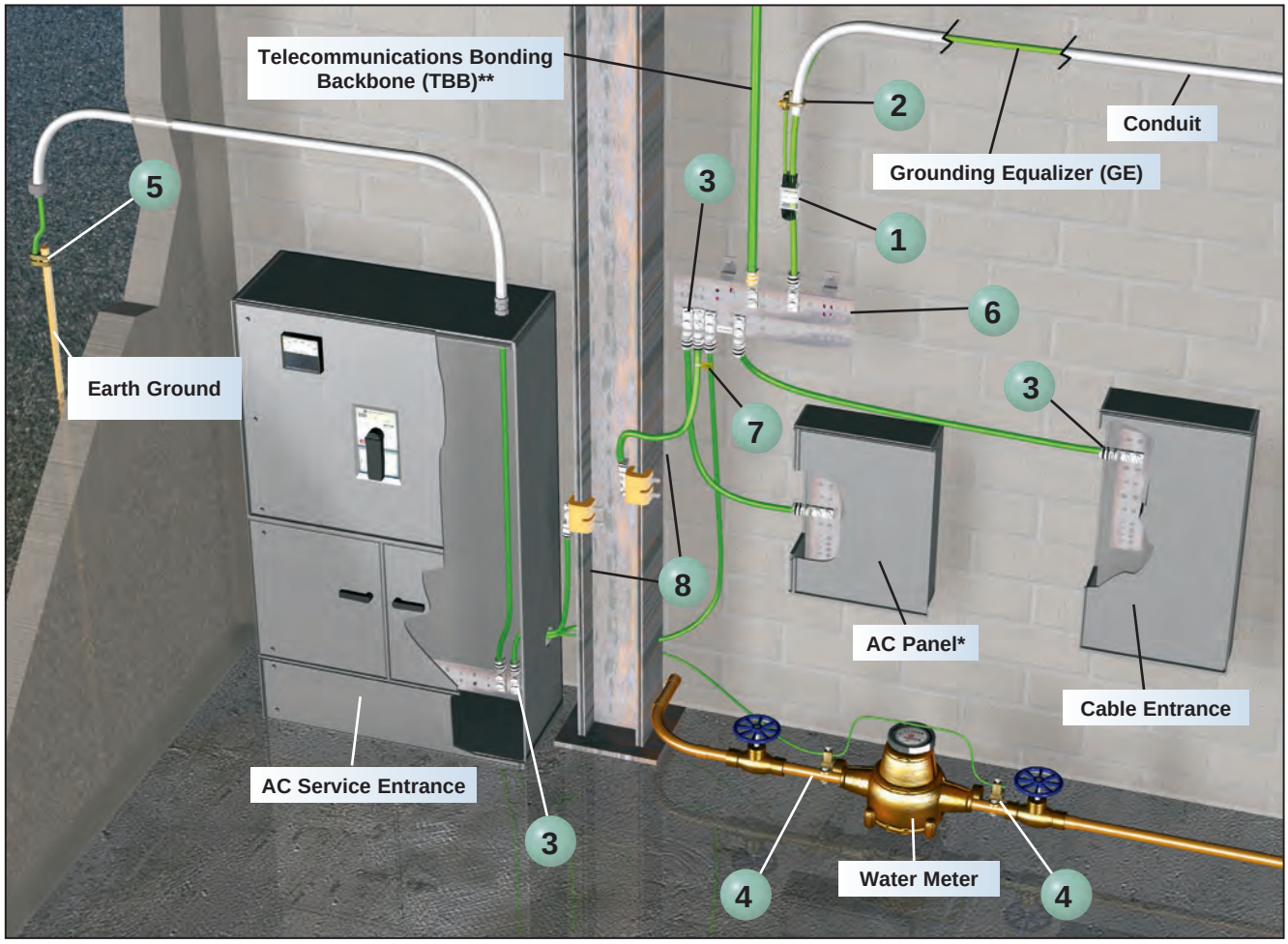
7 Related Product LCC-B

Direct Burial Bare Copper Lugs: For use with stranded copper conductors. (see pages D3.13)

Order number of pieces required, in multiples of Standard Package Quantity.

Service Entrance Grounding Roadmap

- Complies with TIA-607-C and IEEE Std 1100 (IEEE Emerald Book)
- Grounding Equalizer (GE) is required when two or more Telecommunications Bonding Backbones (TBB) are used within a multi-story building; bond TBBs together with a GE at the top floor and at a minimum of every third floor in between



1 Copper Compression HTAP and Clear Cover: HTWC (see page D3.16)

2 Bronze, U-Bolt Grounding Clamp: GPL (see page D3.21)

3 Copper Compression, Two-Hole, Long Barrel with Window Lug: LCC-W (see pages D2.21 – D2.24)

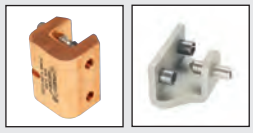
4 Bronze, Water Pipe Grounding Clamp: GPC (see page D3.22)

5 E Style Grounding Connector: GCE (see page D3.8)

6 Telecommunications Main Grounding Busbar (TMGB) and Busbar Label (see page D3.5)

7 Telecommunications Grounding and Bonding Conductor Label Kit: LTYK (see page D3.5)

8 Universal Beam Grounding Clamp: GUBC, GUBC4/0-6 (see page D3.10)



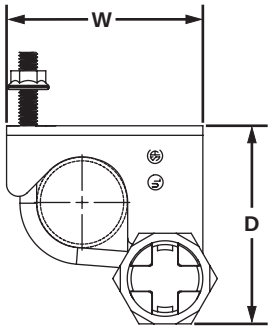
*AC Panel should be grounded per NEC standards. Enclosure should be grounded per manufacturer's specifications.
**Specification TIA-607-C specifies different size conductors based on the length of the Telecommunications Bonding Backbone (TBB).

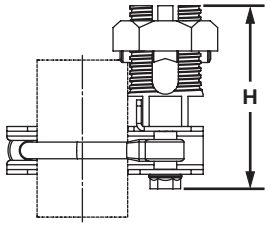
Access Floor Grounding Clamp

PATENTED c UL us LISTED CSA CERTIFIED

Type GPQC

- Bond mesh common bonding network (MCBN) conductors to each other and bond the access floor pedestals to the conductors
- Specifically designed to bond perpendicular MCBN conductors per TIA-607-C
- Bond to the pedestal with a single bolt to simplify installation
- Accommodate conductors from #6 – 1/0 AWG, minimizes inventory requirements
- Bond round and square access floor pedestals for greater flexibility





Part Number	Round Pedestal (In.)	Square Pedestal (In.)	MCBN Conductor Size Range AWG (mm2)	Figure Dimensions In. (mm)			Std. Pkg. Qty.	Std. Ctn. Qty.
				D	W	H		
GPQC07-1/0	3/4 – 7/8	—	#6 SOL – 1/0 STR (16 – 50)	4.25 (108.0)	3.38 (85.9)	3.19 (81.0)	1	10
GPQC10-1/0	1 – 1 1/8	7/8		4.19 (106.4)	3.38 (85.9)	3.19 (81.0)		
GPQC12-1/0	1 1/4	—		4.53 (115.1)	3.44 (87.4)	3.19 (81.0)		
GPQC15-1/0	1 1/2	—		4.47 (113.5)	3.44 (87.4)	3.19 (81.0)		
GPQC17-1/0	1 3/4	—		5.19 (131.8)	4.00 (101.6)	3.19 (81.0)		
GPQC20-1/0	2	—		5.06 (128.5)	4.00 (101.6)	3.19 (81.0)		

Order number of pieces required, in multiples of Standard Package Quantity.

BICSI/TIA-607-C Telecommunications Grounding Busbars

Type GB

- Meets BICSI and TIA-607-C requirements for network systems grounding applications
- Made of high conductivity copper and tin-plated to inhibit corrosion
- Comes pre-assembled with brackets and insulators attached for quick installation
- Insulators provide 600 V of insulation
- Use Panduit self-laminating laser/ink jet labels to identify busbars to meet TIA/EIA-606-B, see chart below

TGB

TMGB

Part Number	Bar Size	No. of Mounting Positions		Std. Pkg. Qty.
		1/4" Stud Hole with 5/8" Hole Spacing	3/8" Stud Hole with 1" Hole Spacing	
Telecommunications Grounding Busbars (TGB)				
GB2B0304TPI-1	1/4" x 2" x 10"	4	3	1
GB2B0306TPI-1	1/4" x 2" x 12"	6		
GB2B0312TPI-1	1/4" x 2" x 20"	12		
GB2B0514TPI-1	1/4" x 2" x 24"	14	5	
Telecommunications Main Grounding Busbars (TMGB)				
GB4B0612TPI-1	1/4" x 4" x 12"	12	6	1
GB4B0624TPI-1	1/4" x 4" x 24"	24		
GB4B1028TPI-1	1/4" x 4" x 28"	28	10	

For additional label sizes, materials, and print technologies and to see the complete line of Panduit identification products, see pages E1.1 – E2.29.

Component Labels for BICSI/TIA-607-C Telecommunications Grounding Busbars

Suggested Label Solutions for TIA/EIA-606-B Compliance				
Telecommunications Grounding Busbar Part Number	Laser/Ink Jet Desktop Printer Label	TDP43MY Thermal Transfer Desktop Printer Label	PanTher™ LS8E Hand-Held Printer Label	Cougar™ LS9 Hand-Held Printer Label
All GB2B and GB4B Parts	C200X100FJJ	C200X100YPT	C200X100FJC	T100X000VPC-BK

For complete labeling solutions and product information, reference charts on pages E1.1 – E2.29.

Telecommunications Grounding and Bonding Conductor Label Kit

- Meets labeling requirements of TIA-607-C; each telecommunications grounding and bonding conductor shall be labeled as close as practicable to its point of termination in a readable position
- Can be applied as a wrap-around marker (parallel to cable) or flag marker (45° or 90°) to cable
- Kit includes everything needed to properly label cables; ten flame retardant cable ties and ten rigid plastic yellow tags printed with "IF THIS CONNECTOR OR CABLE IS LOOSE OR MUST BE REMOVED, PLEASE CALL THE BUILDING TELECOMMUNICATIONS MANAGER."

Part Number	Part Description	Std. Pkg. Qty.
LTYK	Label kit includes ten printed tags and ten flame retardant cable ties.	1

NEMA Hole Pattern Grounding Busbars

Type GBN

- Provided with standard NEMA hole pattern spacing
- Made of high conductivity copper and tin-plated to inhibit corrosion
- Come pre-assembled with brackets and insulators attached for quick installation
- Insulators provide 600 V of insulation

Part Number	Bar Size	No. of Mounting Positions 1/2" Stud Hole with 1 3/4" Hole Spacing	Std. Pkg. Qty.
GB4N0007TPI-1	1/4" x 4" x 12"	7	1
GB4N0016TPI-1	1/4" x 4" x 24"	16	
GB4N0024TPI-1	1/4" x 4" x 36"	24	
GB4N0026TPI-1	1/4" x 4" x 48"	26	
GB4N0034TPI-1	1/4" x 4" x 60"	34	

Grounding Busbar 1" Hole Spacings

Type GBD

- Provided with 1" hole D pattern spacing
- Made of high conductivity copper and tin-plated to inhibit corrosion
- Come pre-assembled with brackets and insulators attached for quick installation
- Insulators provide 600 V of insulation

Part Number	Bar Size	No. of Mounting Positions 7/16" Stud Hole with 1" Hole Spacing	Std. Pkg. Qty.
GB2D0008TPI-1	1/4" x 2" x 12"	8	1
GB2D0021TPI-1	1/4" x 2" x 24"	21	
GB2D0033TPI-1	1/4" x 2" x 36"	33	
GB2D0044TPI-1	1/4" x 2" x 48"	44	
GB2D0056TPI-1	1/4" x 4" x 60"	56	

Order number of pieces required, in multiples of Standard Package Quantity.

NEW! Bare Grounding Busbars

Type GB2A, GB4A

- New hole patterns to fit a variety of application needs
- cULus listed for grounding and bonding
- Insulators provide up to 600V protection
- Now provided in bare copper for visual validation of copper composition

Part Number	Bar Size	Mounting Position Information	Std. Pkg. Qty.
GB2A18I	1/4" x 2" x 24"	18 hole sets with .28" dia thru-hole and 0.75" spacing	1
GB4A0803I	1/4" x 4" x 10"	6 hole sets and 6 #6-32 tapped holes	
GB4A0606I	1/4" x 4" x 12"	12 hole sets, 6 sets with .44" dia thru-hole and 1" spacing, 6 sets with .28" dia thru-hole and 0.75" spacing	
GB4A0808I	1/4" x 4" x 16"	16 hole sets, 8 sets with .44" dia thru-hole and 1" spacing, 8 sets with .13" dia thru-hole and 0.75" spacing	
GB4A00I	1/4" x 4" x 24"	Grounding Busbar without mounting holes	

Stainless Steel Hardware for Busbars

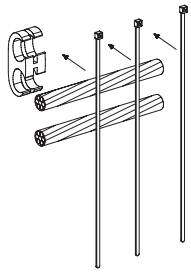
- Bulk hardware for attaching connectors to TMGBs and TGBs

Part Number	Part Description	Std. Pkg. Qty.
1/4" Hardware		
SSNTS1420-C	Stainless steel mounting hardware; 1/4" stainless steel bolts.	100
SSCW14-C	Stainless steel mounting hardware; 1/4" stainless steel Belleville washers (locking).	
SSFW14-C	Stainless steel mounting hardware; 1/4" stainless steel flat washers.	
SSN1420-C	Stainless steel mounting hardware; 1/4" stainless steel nuts.	
3/8" Hardware		
SSNTS3816-C	Stainless steel mounting hardware; 3/8" stainless steel bolts.	100
SSCW38-C	Stainless steel mounting hardware; 3/8" stainless steel Belleville washers (locking).	
SSFW38-C	Stainless steel mounting hardware; 3/8" stainless steel flat washers.	
SSN3816-C	Stainless steel mounting hardware; 3/8" stainless steel nuts.	
Hardware Kit		
GLMHK	Stainless steel hardware for use in mounting lugs for grounding plates and universal beam grounding clamps; includes: two hex head bolts 1/2-13 thread 1" long, two split lock washers for 1/2" diameter bolt, and two SAE flat washers for 1/2" diameter bolt.	1

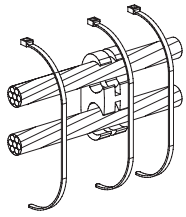
E Style Grounding Connectors

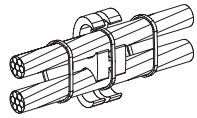
Type GCE

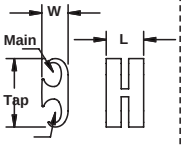
- Wide range-taking ability and multi-conductor design provide flexibility with a minimum number of parts, allowing for conductor to conductor, conductor to rebar, and conductor to ground rod applications
- Designed for the enhanced crimp process using patent pending technology meets IEEE Std 837*
- Slotted design allows quick and easy assembly of conductor to connector using Panduit cable ties, included
- Pre-applied conductive antioxidant compound ensures a high quality mechanical and electrical bond, speeding installation
- Color-coded and marked with Panduit die index numbers for proper crimp die selection
- UL 467 Listed and CSA 22.2 Certified for grounding and bonding suitable for direct burial in earth or concrete when crimped with Panduit or industry standard crimping tools and Panduit dies
- Complies with vibration tests per MIL-STD-202G (METHOD 201A)
- Not rated for use with galvanized ground rods and/or galvanized cable



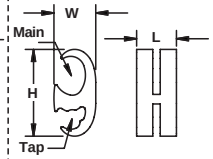
View using cable ties







GCE1/0-1/0



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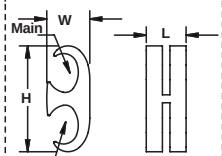

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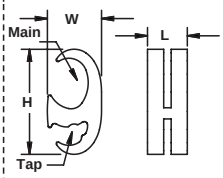

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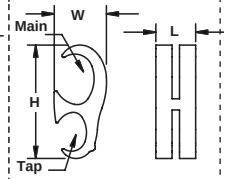

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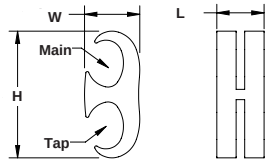


GCE500-500

Part Number	Element	Copper Conductor Size Range AWG (mm²)	Ground Rod Size In. (mm)	Rebar Size In. (mm)	Figure Dimensions In. (mm) L	W	H	Panduit Color Code	Panduit Part and Die Index No.	Std. Pkg. Qty.
GCE1/0-1/0	Main	#6 SOL – 1/0 STR (16 – 50)	—	—	0.94 (23.9)	0.66 (16.8)	1.72 (43.7)	Red	CD-930G-1/0 PG10	1
	Tap									
GCE250-1/0	Main	1/0 STR – 250 kcmil (70 – 120)	1/2 – 5/8 (12.7 – 15.9)	3/8 – 1/2, #3 – #4 (9.5 – 12.7), (#10 – #13)	1.00 (25.4)	1.05 (26.7)	2.18 (55.4)	Black	CD-930G-250 PG25	
	Tap	#6 SOL – 1/0 STR (16 – 50)	—	—	1.00 (25.4)	1.05 (26.7)	2.18 (55.4)			
GCE250-250	Main	1/0 STR – 250 kcmil (70 – 120)	1/2 – 5/8 (12.7 – 15.9)	3/8 – 1/2, #3 – #4 (9.5 – 12.7), (#10 – #13)	1.00 (25.4)	1.08 (27.4)	2.66 (67.6)			
	Tap				1.00 (25.4)	1.08 (27.4)	2.66 (67.6)			
GCE500-1/0	Main	250 – 500 kcmil (150 – 240)	1/2 – 3/4 (12.7 – 19.1)	5/8 – 3/4, #5 – #6 (15.9 – 19.1), (#16 – #19)	1.00 (25.4)	1.36 (34.5)	2.64 (67.1)	Blue	CD-930G-500 PG50	
	Tap	#6 SOL – 1/0 STR (16 – 50)	—	—	1.00 (25.4)	1.36 (34.5)	2.64 (67.1)			
GCE500-250	Main	250 – 500 kcmil (150 – 240)	1/2 – 3/4 (12.7 – 19.1)	5/8 – 3/4, #5 – #6 (15.9 – 19.1), (#16 – #19)	1.00 (25.4)	1.32 (33.4)	2.85 (72.4)			
	Tap	1/0 STR – 250 kcmil (70 – 120)	—	—	1.00 (25.4)	1.32 (33.4)	2.85 (72.4)			
GCE500-500* NEW!	Main	250 – 500 kcmil (150 – 240)	1/2 – 3/4 (12.7 – 19.1)	5/8 – 3/4, #5 – #6 (15.9 – 19.1), (#16 – #19)	1.38 (35.1)	1.61 (41.0)	3.70 (94.0)	Yellow	CD-940G-500 PG55	
	Tap									

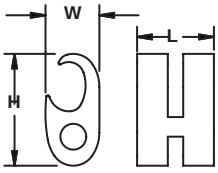
*GCE500-500 are not tested to IEEE STD 837
Contact customer service (cs@panduit.com) for specifics on compliance to IEEE Std 837 - 2014

Order number of pieces required, in multiples of Standard Package Quantity.

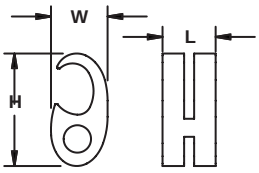
Grounding Cross Connectors

Type GCC

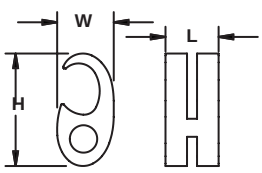
- Only a single die required to crimp each element, which speeds installation and reduces costs
- Wide range-taking ability and multi-conductor design provide flexibility with a minimum number of parts, allowing for conductor to conductor, conductor to rebar, and conductor to ground rod applications
- Designed for the enhanced crimp process using patent pending technology meets IEEE Std 837*
- Slotted design allows quick and easy assembly of conductor to connector using Panduit cable ties, included
- Pre-applied conductive antioxidant compound ensures a high quality mechanical and electrical bond, speeding installation
- Color-coded and marked with Panduit die index numbers for proper crimp die selection
- UL 467 Listed and CSA 22.2 Certified for grounding and bonding suitable for direct burial in earth or concrete when crimped with Panduit or industry standard crimping tools and Panduit dies
- Complies with vibration tests per MIL-STD-202G (METHOD 201A)
- Not rated for use with galvanized ground rods and/or galvanized cable



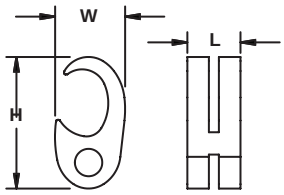
Element A



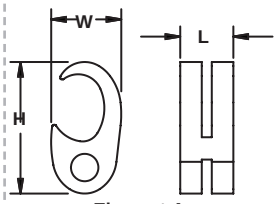
Element A



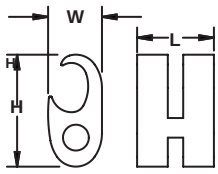
Element A



Element A

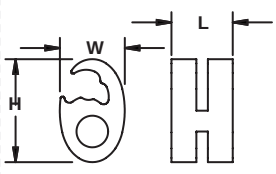


Element A



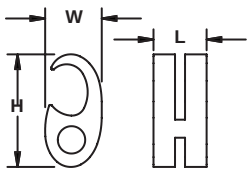
Element B

GCC6X61/0-1/0
3/8" ROD



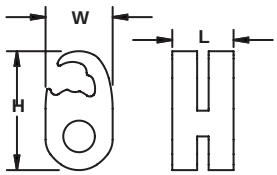
Element B

GCC6X6250-1/0
9/16" ROD



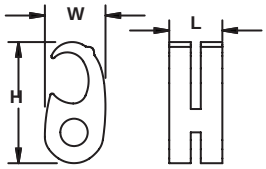
Element B

GCC6X6250-250
9/16" ROD



Element B

GCC6X6500-1/0
9/16" ROD



Element B

GCC6X6500-250
9/16" ROD

Part Number	Element	Copper Conductor Size Range AWG (mm²)	Ground Rod Size In. (mm)	Rebar Size In. (mm)	Figure Dimensions In. (mm) L	W	H	Panduit Color Code	Panduit Part and Die Index No.	Std. Pkg. Qty.
GCC6X61/0-1/0	A	#6 SOL – 1/0 STR (16 – 50)	—	—	0.94 (23.9)	0.66 (16.8)	1.37 (34.8)	Red	CD-930G-1/0 PG10	1
	B									
GCC6X6250-1/0	A	#2 SOL – 250 kcmil (35 – 120)	1/2 – 5/8 (12.7 – 15.9)	3/8 – 1/2, #3 – #4 (9.5 – 12.7), (#10 – #13)	1.00 (25.4)	1.06 (26.9)	2.12 (53.8)	Black	CD-930G-250 PG25	
	B	#6 SOL – 1/0 STR (16 – 50)	—	—	1.00 (25.4)	1.06 (26.9)	1.68 (42.7)			
GCC6X6250-250	A	#2 SOL – 250 kcmil (35 – 120)	1/2 – 5/8 (12.7 – 15.9)	3/8 – 1/2, #3 – #4 (9.5 – 12.7), (#10 – #13)	1.00 (25.4)	1.06 (26.9)	2.66 (67.6)			
	B				1.00 (25.4)	1.06 (26.9)	2.66 (67.6)			
GCC6X6500-1/0	A	250 – 500 kcmil (150 – 240)	1/2 – 3/4 (12.7 – 19.1)	5/8 – 3/4, #5 – #6 (15.9 – 19.1), (#16 – #19)	1.00 (25.4)	1.32 (35.5)	2.48 (63.0)	Blue	CD-930G-500 PG50	
	B	#6 SOL – 1/0 STR (16 – 50)	—	—	1.00 (25.4)	1.09 (27.7)	1.94 (49.3)			
GCC6X6500-250	A	250 – 500 kcmil (150 – 240)	1/2 – 3/4 (12.7 – 19.1)	5/8 – 3/4, #5 – #6 (15.9 – 19.1), (#16 – #19)	1.00 (25.4)	1.32 (33.5)	2.48 (63.0)			
	B	#2 SOL – 250 kcmil (35 – 120)	—	—	1.00 (25.4)	1.16 (29.5)	2.29 (58.2)			

*Contact customer service (cs@panduit.com) for specifics on compliance to IEEE Std 837 - 2014

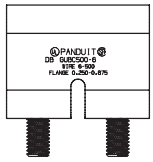
Universal Beam Grounding Clamp

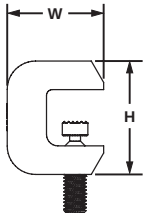
IEEE DB RATED UL LISTED CSA CERTIFIED PATENTED

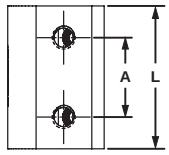
Type GUBC

- Universal, fits on a wide range of standard (angled) and wide flange (parallel) structural steel beams
- Provide a mounting pad suitable for a two-hole compression lug
- Install quickly and easily with standard 1/4" key hex wrench tooling
- UL 467 Listed and CSA 22.2 Certified for grounding and bonding suitable for direct burial in earth or concrete
- Comply with vibration tests per MIL-STD-202G (METHOD 201A)

GUBC500-6







GUBC500-6TP

GUBC4/0-6

Part Number	Material	Copper Conductor Size Range AWG (mm²)	Flange Thickness In. (mm)	Thread Size In.	Hex Size	Figure Dimensions In. (mm)				Std. Pkg. Qty.
						A	L	W	H	
GUBC500-6	Copper	#6 AWG – 500 kcmil (16 – 240)	0.250 – 0.675 (6.3 – 17.1)	1/2 – 13	1/4	1.75 (44.4)	3.15 (80.0)	2.13 (54.0)	2.50 (63.5)	1
NEW! **GUBC500-6TP**	Tin-plated Copper									
NEW! **GUBC4/0-6***	Stainless Steel	#6 AWG – 4/0 AWG (16 – 240)	0.250 – 0.675 (6.3 – 17.1)	N/A	1/4	1.75 (44.4)	2.75 (69.85)	1.65 (41.91)	1.90 (48.26)	

For stainless steel mounting hardware kit, see part number GLMHK on page D3.7, D3.10.
*Not IEEE 837 tested or vibration tested

Hardware Kit

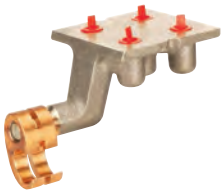
Part Number	Part Description	Std.Pkg. Qty.
GLMHK (1 Kit per Lug)	Stainless steel hardware for use in mounting lugs for grounding plates and universal beam grounding clamps; includes: two hex head bolts 1/2-13 thread 1" long, two split lock washers for 1/2" diameter bolt, and two SAE flat washers for 1/2" diameter bolt	1

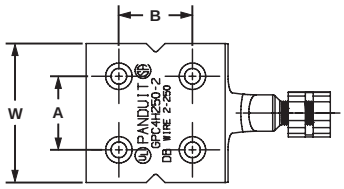
Order number of pieces required, in multiples of Standard Package Quantity.

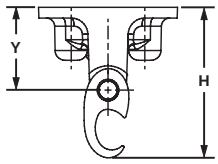
Grounding Plate Connector

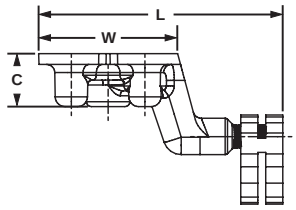
Type GPC

- Slotted design allows quick and easy assembly of conductor to connector using Panduit cable ties, included
- Pre-applied conductive antioxidant compound ensures a high quality mechanical and electrical bond, speeding installation
- Complies with vibration tests per MIL-STD-202G (METHOD 201A)
- Made from high conductivity copper; provides strength and premium electrical properties
- Color-coded and marked with Panduit die index numbers for proper crimp die selection
- UL 467 Listed and CSA 22.2 Certified for grounding and bonding suitable for direct burial in earth or concrete when crimped with Panduit or industry standard crimping tools and Panduit dies









Part Number	Copper Conductor Size Range AWG (mm²)	Thread Size In.	Figure Dimensions In. (mm)							Panduit Color Code	Panduit Part and Die Index No.	Std. Pkg. Qty.
			L	W	H	Y	A	B	C			
GPC4H250-2	#2 SOL – 250 kcmil (35 – 120)	1/2 – 13	5.81 (147.5)	3.31 (84.0)	3.58 (90.9)	1.97 (50.0)	1.75 (44.4)	1.75 (44.4)	1.26 (32.0)	Black	CD-930G-250 PG25	1

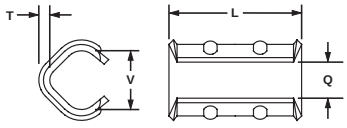
For stainless steel mounting hardware kit, see part number GLMHK (1 Kit per lug) on page D3.7, D3.10.

Code Conductor, Thin Wall, CTAP

For Copper Code Stranded Connections

Type CTAPF

- For copper-to-copper tapping, splicing or pigtailing
- Wide wire range-taking capability minimizes inventory requirements
- Color-coded for proper crimp die selection
- Ribbed design provides high strength
- Made from high conductivity wrought copper
- UL Listed and CSA Certified to 600 V and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies^



Part Number	Copper Conductor Size		Number of Ribs	Figure Dimensions In. (mm)				Panduit Color Code	Wire Strip Length In. (mm)	Std. Pkg. Qty.
	AWG Run (mm²)	AWG Tap (mm²)		L	T	V	Q			
CTAPF10-16-C*	#14 AWG (2.5)	#16 – #14 AWG (1.5 – 2.5)	0	0.41 (10.4)	0.06 (1.5)	0.19 (4.8)	0.13 (3.3)	Red	1/2 (12.7)	100
	#12 AWG (4.0)	#16 – #12 AWG (1.5 – 4.0)								
	#10 AWG (6.0)	#14 AWG (2.5)								
CTAPF8-12-C‡	#10 AWG (6.0)	#10 AWG (6.0)	0	0.67 (17.0)	0.07 (1.8)	0.26 (6.6)	0.19 (4.8)	Blue	11/16 (17.5)	
	#8 AWG (10.0)	#12 AWG (4.0)								
CTAPF6-12-C‡	#8 AWG (10.0)	#10 – #8 AWG (6.0 – 10.0)	0	0.67 (17.0)	0.07 (1.8)	0.32 (8.1)	0.24 (6.1)	Gray	11/16 (17.5)	
	#6 AWG (16.0)	#12 – #10 AWG (4.0 – 6.0)								
CTAPF4-12-C‡	#6 AWG (16)	#8 – #6 AWG (10 – 16)	1	1.25 (31.8)	0.07 (1.8)	0.40 (10.2)	0.28 (7.1)	Brown	1 5/16 (33.3)	
	#5, #4 AWG (16, 25)	#12 – #8 AWG (4 – 10)								

*CTAPF10-16-C available with square, not flared ends.
All parts available in tin-plated; add TP before packaging code – example: CTAPF6-12**TP**-C**.**
^Note: CTAPF parts are UL Listed and CSA Certified with AWG wire only.
‡CSA Certified for grounding and bonding.
Not Direct Burial Rated.

Continued on next page

Code Conductor, Thin Wall, CTAP (continued)

Part Number	Copper Conductor Size		Number of Ribs	Figure Dimensions In. (mm)				Panduit Color Code	Wire Strip Length In. (mm)	Std. Pkg. Qty.
	AWG Run (mm²)	AWG Tap (mm²)		L	T	V	Q			
CTAPF3-12-C‡	#5, #4 AWG (16, 25)	#6 – #5 AWG (16)	1	1.25 (31.8)	0.08 (2.0)	0.46 (11.7)	0.31 (7.9)	Green	1 5/16 (33.3)	
	#3 AWG (25)	#12 – #6 AWG (4 – 16)								
CTAPF2-12-C‡	#4 AWG (25)	#4 AWG (25)	1	1.25 (31.8)	0.08 (2.0)	0.51 (13.0)	0.33 (8.4)	Pink	1 5/16 (33.3)	100
	#3 AWG (25)	#5 AWG (16)								
	#2 AWG (35)	#12 – #6 AWG (4 – 16)								
CTAPF1-12-C	#3 AWG (25)	#4 – #3 AWG (25)	2	1.82 (46.2)	0.08 (2.0)	0.57 (14.5)	0.40 (10.2)	Black	1 7/8 (47.6)	100
	#2 AWG (35)	#5 – #4 AWG (16 – 25)								
	#1 AWG (35)	#12 – #5 AWG (4 – 16)								
CTAPF1/0-12-L	#2 AWG (35)	#4 – #2 AWG (25 – 35)	2	1.82 (46.2)	0.09 (2.3)	0.63 (16.0)	0.42 (10.7)	Orange	1 7/8 (47.6)	50
	#1 AWG (35)	#4 – #3 AWG (25)								
	1/0 AWG (50)	#12 – #4 AWG (4 – 25)								
CTAPF2/0-12-Q	#1 AWG (35)	#2 – #1 AWG (35)	2	1.82 (46.2)	0.09 (2.3)	0.71 (18.0)	0.48 (12.2)	Purple	1 7/8 (47.6)	25
	1/0 AWG (50)	#3 – #2 AWG (25 – 35)								
	2/0 AWG (70)	#12 – #3 AWG (4 – 35)								
CTAPF3/0-12-Q	1/0 AWG (50)	#1 – 1/0 AWG (50)	2	1.82 (46.2)	0.09 (2.3)	0.81 (20.6)	0.55 (14.0)	Yellow	1 7/8 (47.6)	
	2/0 AWG (70)	#2 – #1 AWG (35)								
	3/0 AWG (95)	#12 – #2 AWG (4 – 35)								

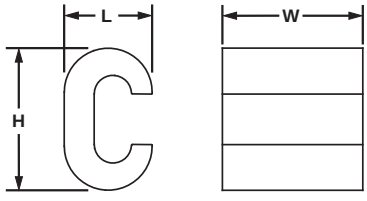
*CTAPF10-16-C available with square, not flared ends.
All parts available in tin-plated; add TP before packaging code – example: CTAPF6-12**TP**-C**.**
^Note: CTAPF parts are UL Listed and CSA Certified with AWG wire only.
‡CSA Certified for grounding and bonding.
Not Direct Burial Rated.

Code Conductor, Heavy Duty, CTAP

For Use with Solid and Stranded Copper Code Conductors

Type CTAP

- For tapping into unbroken continuous main, as a wire joint or two-way splice
- Wide wire range-taking capability minimizes inventory requirements
- Made from heavy wall, extruded, high conductivity copper; provides high strength and premium electrical properties
- UL Listed per UL 486 for use up to 35 KV** and temperature rated 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed per UL 467 for grounding and bonding suitable for direct burial in earth or concrete when crimped with Panduit and specified competitor crimping tools and dies^



Part Number	Copper Conductor Size		Figure Dimensions In. (mm)			Panduit Die Index No.‡	Burndy Die Index No.‡	Wire Strip Length In. (mm)	Tap Cover*	Std. Pkg. Qty.
	AWG Run (mm²)	AWG Tap (mm²)	L	T	V					
CTAP4-8-L	#6 – #4 AWG SOL or STR	#8 AWG SOL or STR	0.46 (11.7)	0.63 (16.0)	0.73 (18.5)	PBG	BG	3/4 (19)	CVR6-1	50
CTAP4-6-L	#6 AWG STR, #4 AWG SOL or STR	#6 AWG SOL or STR	0.48 (12.2)		0.76 (19.3)					

*See page D3.14 for type CVR CTAP covers.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
^Note: CTAP parts are UL Listed and CSA Certified with AWG wire only.

Continued on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Code Conductor, Heavy Duty, CTAP (continued)

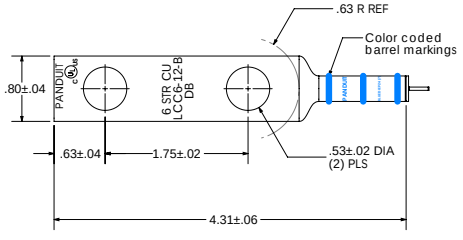
Part Number	Copper Conductor Size		Figure Dimensions In. (mm)			Panduit Die Index No.‡	Burndy Die Index No.‡	Wire Strip Length In. (mm)	Tap Cover*	Std. Pkg. Qty.
	AWG Run (mm²)	AWG Tap (mm²)	L	T	V					
CTAP4-4-L	#4 AWG SOL or STR	#4 AWG STR	0.46 (11.7)	0.63 (16.0)	0.81 (20.6)	PBG	BG	3/4 (19)	CVR6-1	50
CTAP2-4-Q	#2 AWG SOL or STR	#8 – #4 AWG SOL or STR	0.60 (15.2)	0.76 (19.3)	0.96 (24.4)	PC	C	7/8 (22)	CVR2-1	25
CTAP4-8-L	#6 – #4 AWG SOL or STR	#8 AWG SOL or STR	0.46 (11.7)	0.63 (16.0)	0.73 (18.5)	PBG	BG	3/4 (19)	CVR6-1	50
CTAP4-6-L	#6 AWG STR, #4 AWG SOL or STR	#6 AWG SOL or STR	0.48 (12.2)	0.63 (16.0)	0.76 (19.3)					
CTAP4-4-L	#4 AWG SOL or STR	#4 AWG STR	0.46 (11.7)	0.63 (16.0)	0.81 (20.6)					
CTAP2-4-Q	#2 AWG SOL or STR	#8 – #4 AWG SOL or STR	0.60 (15.2)	0.76 (19.3)	0.96 (24.4)	PC	C	7/8 (22)	CVR2-1	25
CTAP2-2-X		#2 AWG SOL or STR	0.60 (15.2)	0.75 (19.0)	1.05 (26.7)				CVR2-1	10
CTAP2/0-2-X	1/0 – 2/0 AWG STR	#8 – #2 AWG SOL or STR	0.80 (20.3)	0.93 (23.6)	1.32 (8.1)	PO	O	1 1/16 (27)	CVR2-1	10
CTAP2/0-2/0-X		1/0 – 2/0 AWG STR	0.80 (20.3)	0.93 (23.6)	1.37 (34.8)				CVR250-1	
CTAP4/0-2-X	3/0 – 4/0 AWG STR	#6 – #2 AWG SOL or STR	0.94 (23.9)	1.08 (27.4)	1.66 (42.2)	PD3	F	1 1/4 (32)	CVR500-1	10
CTAP4/0-2/0-X		1/0 – 2/0 AWG STR	1.00 (25.4)	1.08 (27.3)	1.57 (39.9)					
CTAP4/0-4/0-X		3/0 – 4/0 AWG STR	1.00 (25.4)	1.08 (27.4)	1.57 (39.9)					

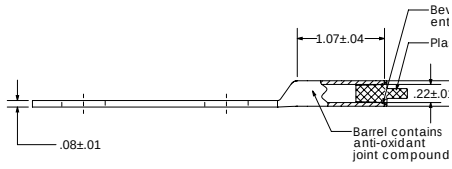
*See page D3.14 for type CVR CTAP covers.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.
‡Visit www.panduit.com/tools for tool and die information.
^Note: CTAP parts are UL Listed and CSA Certified with AWG wire only.
Not UL/CSA approved for use with metric wire. See GCE & GCC series parts for UL/CSA approved connections for metric wire (Pages D3.8, D3.9).

Code Conductor, Two-Hole, Standard Barrel, Direct Burial Lug for Use with Stranded Copper Conductors

Type LCC-B

- Pre-filled with anti-oxidant paste to provide a high quality mechanical and electrical bond
- Provided with standard NEMA hole spacing
- cULus listed and Direct Burial rated for grounding and bonding applications



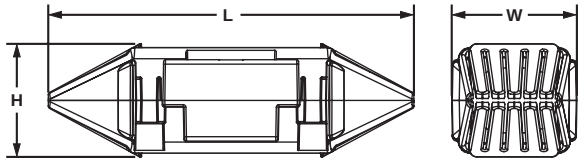


Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Panduit Color Code	Panduit Die Index No.	Burndy Die Index No.	T&B Die Index No.	Wire Strip Length (In.)	Std. Pkg. Qty.
LCC6-12-B-L	#6 AWG	1/2	1.75	Blue	P24	7	24	1 1/8	50
LCC2-12-B-Q	#2 AWG			Brown	P33	10	33	1 1/4	25
LCC1/0-12-B-X	1/0 AWG			Pink	P42	12	42	1 1/2	10
LCC2/0-12-B-X	2/0 AWG			Black	P45	13	45	1 9/16	
LCC4/0-12-B-X	4/0 AWG			Purple	P54	15	54	1 5/8	
LCC250-12-B-X	250 kcmil			Yellow	P62	16	62	1 11/16	
LCC500-12-B-6	500 kcmil			Brown	P87	20	87	2 9/16	6

Clear Covers for HTCT HTAPs

Type CLRCVR

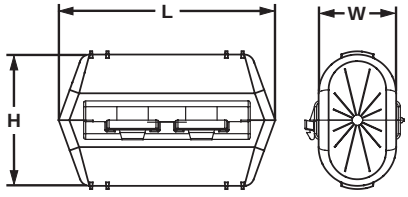
- Made of high impact plastic to provide high impact strength and 360° inspections of crimped connection to assure the crimp is complete and the correct die was used
- Incorporate dual self-latching spring loaded latches and supplied with two Panduit UL 94 V-0 cable ties to allow for easy snap-on assembly and ensure covers are secured
- Low profile design minimizes space requirements
- Each cover half supports installation information labels inside plastic retainer strips to allow labels to be viewed on either side of cover and to protect labels from being removed
- Incorporate molded in flash barriers which encompass the HTAP installation providing protection against electrical flash over
- UL 94 V-0 flame rating and oxygen index of 28 providing self-extinguishing, flame retardant properties
- Part number, voltage rating, temperature rating and HTCT part number molded into cover for easy identification



Part Number	Use With HTAP Part Number	Figure Dimensions In. (mm)			Std. Pkg. Qty.
		L	W	H	
CLRCVR1-1	HTCT6X-6X	4.48 (113.8)	1.41 (35.8)	2.13 (54.0)	1
CLRCVR2-1	HTCT2-2	5.10 (129.5)	1.66 (42.2)	1.40 (35.6)	
CLRCVR3-1	HTCT250-2, HTCT250-250	5.35 (135.9)	2.16 (54.9)		

Black Covers for Copper HTAPs and CTAPs

- Used to insulate connectors and protect tap connections from corrosive environments
- UL Listed and CSA Certified with approved connectors for use up to 600 V and temperature rated to 90° C
- Made of durable, weather-resistant black polypropylene
- Double locking latches provide secure cover installation



Part Number	Use with CTAP Part Number	Use with HTAP Part Number	Figure Dimensions In.			Std. Pkg. Qty.
			L	W	H	
CVR6-1	CTAP4-8-L, CTAP4-6-L, CTAP4-4-L	HTCT6X-6X-1	2.00	1.20	1.26	1
CVR2-1	CTAP2-4-Q, CTAP2-2-X, CTAP2/0-2-X	HTCT2-2-1	3.38	1.40	2.00	
CVR250-1	CTAP2/0-2/0-X	HTCT250-2-1, HTCT250-250-1	3.38	1.55	2.05	
CVR500-1*	CTAP4/0-2-X, CTAP4/0-2/0-X, CTAP4/0-4/0-X	—	3.86	1.97	2.66	
CVR1000-1*	—	—	5.62	2.45	3.72	

For information on copper HTAPs, see page D3.15
For information on copper CTAPs, see page D3.12, D3.13
*Not CSA Certified.

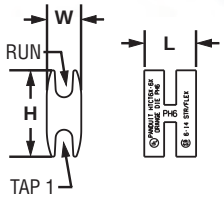
Order number of pieces required, in multiples of Standard Package Quantity.

Code/Flex Conductor HTAP

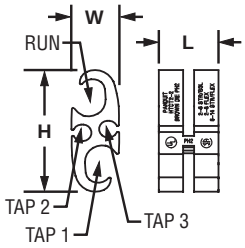
For Making Parallel and Multiple Tap Connections on Code and Flex Conductors

Type HTCT

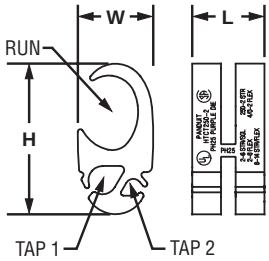
- Used to tap into continuous conductors as a splice or pigtailing
- Each HTAP terminates a wide range of conductor sizes and combinations of code and flex conductors Class G, H, I and Diesel Locomotive to suit a variety of applications
- Slotted design allows quick and easy assembly of conductor to HTAP using three Panduit 94V-0 cable ties included
- Tap grooves are separated from one another allowing them to function independently so HTAP can be used with a single or multiple taps providing maximum design and installation flexibility
- Color-coded and marked with Panduit die index numbers for proper crimp die selection
- UL Listed and CSA Certified for applications up to 600 V when crimped with Panduit and specified competitor crimping tools and Panduit crimping dies^
- Tin-plated to inhibit corrosion



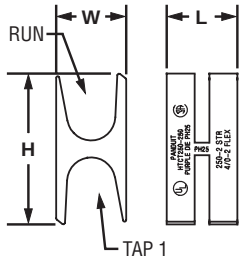
HTCT6X-6X



HTCT2-2



HTCT250-2



HTCT250-250

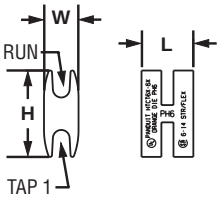
Part Number	Copper Conductor Size Range					Figure Dimensions In. (mm)			Panduit Die Color and Die No.	Wire Strip Length In. (mm)	Std. Pkg. Qty.
	Wire Strand Type	Run	Tap 1	Tap 2	Tap 3	L	W	H			
HTCT6X-6X-1	Code	#6 – #14 AWG (10 – 2.5)	#6 – #14 AWG (10 – 2.5)	— —	— —	0.60 (15.2)	0.40 (10.2)	1.00 (25.4)	Orange PH6	11/16 (18)	1
	Flex			— —	— —						
HTCT2-2-1	Code	#2 – #6 AWG STR/SOL (25 – 16)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	#8 – #14 AWG (6 – 2.5)	0.76 (19.3)	0.61 (15.5)	1.55 (39.4)	Brown PH2	13/16 (21)	
	Flex	#2 – #8 AWG (25 – 10)	#2 – #8 AWG (25 – 10)								
HTCT250-2-1	Code	250 kcmil – #2 AWG (120 – 35)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	— —	0.92 (23.4)	0.96 (24.4)	1.92 (48.8)	Purple PH25	1 (25)	
	Flex	4/0 – #2 AWG (95 – 35)	#2 – #8 AWG (25 – 10)		— —						
HTCT250-250-1	Code	250 kcmil – #2 AWG (120 – 35)	250 kcmil – #2 AWG (120 – 35)	— —	— —	0.90 (22.9)	0.89 (22.6)	1.92 (48.8)	Purple PH25	1 (25)	
	Flex	4/0 – #2 AWG (95 – 35)	4/0 – #2 AWG (95 – 35)	— —	— —						

^Note: HTCT parts are UL Listed and CSA Certified with AWG wire only.

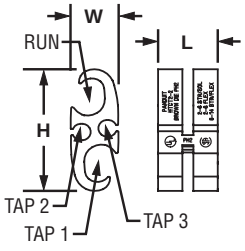
Code/Flex Conductor HTAP Kit

Type HTWC

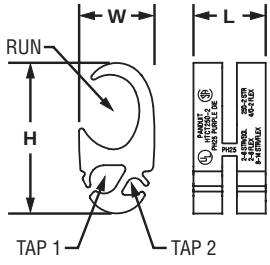
- Include all components to make a complete HTAP and cover installation: HTCT HTAP, matching CLRCVR clear cover, and cable ties
- Each HTCT HTAP designed to terminate a wide range of copper code and flex conductor combinations to accommodate a variety of applications
- HTAPs incorporate a unique slotted design that allows for quick and easy installation using supplied Panduit cable ties; saves time and cost
- Matching clear covers are made from high impact plastic and provide high impact strength and 360° viewing of installed HTAP
- Clear covers have a UL 94 V-0 flame rating and an oxygen index of 28 providing self-extinguishing, flame retardant properties
- UL Listed and CSA Certified for applications up to 600 V when crimped with Panduit and specified competitor crimping tools and Panduit crimping dies^



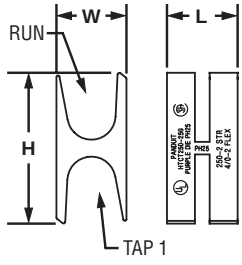
HTCT6-6



HTCT2-2



HTCT250-2



HTCT250-250

Part Number	Components		Copper Conductor Size Range AWG (mm²)					Std. Pkg. Qty.
	HTAP Part No.	Clear Cover Part No.	Wire Strand Type	Run	Tap 1	Tap 2	Tap 3	
HTWC6X-6X-1	HTCT6X-6X-1	CLRCVR1-1	Code	#6 – #14 AWG (10 – 2.5)	#6 – #14 AWG (10 – 2.5)	— —	— —	1
			Flex	#6 – #10 AWG (10 – 2.5)		— —	— —	
HTWC2-2-1	HTCT2-2-1	CLRCVR2-1	Code	#2 – #6 AWG STR/SOL (25 – 16)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	#8 – #14 AWG (6 – 2.5)	
			Flex	#2 – #8 AWG (25 – 10)	#2 – #8 AWG (25 – 10)			
HTWC250-2-1	HTCT250-2-1	CLRCVR3-1	Code	250 kcmil – #2 AWG (120 – 35)	#2 – #6 AWG STR/SOL (25 – 16)	#8 – #14 AWG (6 – 2.5)	— —	
			Flex	4/0 – #2 AWG (95 – 35)	#2 – #8 AWG (25 – 10)		— —	
HTWC250-250-1	HTCT250-250-1	CLRCVR3-1	Code	250 kcmil – #2 AWG (120 – 35)	250 kcmil – #2 AWG (120 – 35)	— —	— —	
			Flex	4/0 – #2 AWG (95 – 35)	4/0 – #2 AWG (95 – 35)	— —	— —	

See pages D3.14 – D3.15 for more information on HTAPs and clear covers, including tap sizes and locations.
^Note: HTCT parts are UL Listed and CSA Certified with AWG wire only.

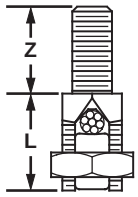
Order number of pieces required, in multiples of Standard Package Quantity.

Panduit® Grounding Connector Approvals

Logo (Symbol)	Agency	Spec/Approval	Applicable Products
c UL us LISTED	Underwriters Laboratories, Inc.	UL 486A Wire Connectors and Soldering Lugs for use in US and Canada	As shown on product pages.
UL LISTED		UL 486A – 486B Wire Connectors and Soldering Lugs for use in US	
c UL us LISTED		UL 467 Grounding and Bonding Equipment for use in US and Canada	
UL LISTED		UL 467 Grounding and Bonding Equipment for use in US	
CSA CERTIFIED	Canadian Standards Association	C22.2 No. 65-03 Wire Connectors	
CSA CERTIFIED		C22.2 No. 41-M1987 (R1999) Grounding and Bonding Equipment	
IEEE	Institute of Electrical and Electronics Engineers	IEEE Std. 837 IEEE Standard for Qualifying Permanent Connection used in Substation Grounding	

Bronze Service Post Connector, Male Stud, Single Conductor

- For grounding one copper code conductor to steel structures, busbars, or transformers or for tapping from busbar with hex nut and washer
- Made from high copper content, hard drawn copper rod provides high strength
- Pressure bar provides secure connection on a full range of conductor combinations used with each connector providing premium wire pull-out strength
- cULus 467 Listed for grounding and bonding and suitable for direct burial in earth or concrete



Type SP1 — Premium Grade

- True hex design for body and nut hex provides correct fit with socket, box, or open end wrenches for easy installation process
- Offered with standard and long stud lengths for optimized fit of the threaded stud through the mounting surface

Type GSP1 — Value Grade

- Incorporates longer stud length than standard SP1 stud length to accommodate a variety of mounting applications
- Greater wire range-taking capability allows one GSP1 part to substitute for up to four SP1 parts (see Table for comparatives) — reduces inventory, saves costs

Part Number	Conductor Size Range (AWG)	Stud Size* (UNC Threads)	Figure Dimensions (In.)		Nut Hex (In.)	Body Hex (In.)	Std. Pkg. Qty.
			L	Z			
SP1-8-C	#12 SOL – #8 STR	1/4 – 20	0.63	0.50	0.50	0.38	100
SP1-8L-C			0.63	1.00	0.50	0.38	
NEW! GSP1-12-6-C[1]	#12 SOL – #6 STR		0.87	0.83	0.69	0.56	
SP1-7-C	#8 SOL – #7 STR		0.88	0.50	0.69	0.50	
SP1-7L-C			0.88	1.00	0.69	0.50	
SP1-4-C	#10 SOL – #4 STR	5/16 – 18	0.94	0.56	0.75	0.56	100
SP1-4L-C			0.94	1.00	0.75	0.56	
NEW! GSP1-10-4-C[2]			1.06	0.83	0.81	0.69	
SP1-3-C	#6 SOL – #3 STR	3/8 – 16	1.06	0.63	0.81	0.63	100
SP1-3L-C			1.06	1.13	0.81	0.63	
NEW! GSP1-6-2-C[3]	#6 SOL – #2 STR		1.06	0.83	0.81	0.69	
SP1-2-C	#4 STR – #2 STR		1.06	0.63	0.88	0.69	
SP1-2L-C			1.06	1.13	0.88	0.69	
SP1-1/0-L	#6 SOL – 1/0 STR	1/2 – 13	1.31	0.75	1.00	0.75	50
SP1-1/0L-L			1.31	1.25	1.00	0.75	
NEW! GSP1-4-2/0-L[4]	#4 SOL – 2/0 STR	3/8 – 16	1.32	0.83	1.06	0.88	
SP1-2/0-Q	#1 SOL – 2/0 STR	1/2 – 13	1.44	0.75	1.13	0.88	25
SP1-2/0L-Q			1.44	1.25	1.13	0.88	
SP1-4/0-Q	3/0 SOL – 4/0 STR	5/8 – 11	1.69	1.00	1.38	1.13	
SP1-4/0L-Q			1.69	1.50	1.38	1.13	
SP1-350-12	4/0 SOL – 350 kcmil		2.00	1.00	1.50	1.25	12
SP1-350L-12			2.00	1.50	1.50	1.25	
SP1-500-12	250 kcmil – 500 kcmil	3/4 – 10	2.31	1.38	1.81	1.50	
SP1-500L-12			2.31	1.75	1.81	1.50	

*Type GSP1 does not have a true hex body. Apply open-end wrench to body width normal to conductor slot

[1]Alternate offering for SP1-8 and SP1-7. Review stud length (Dim. Z) for potential replacement for SP1-8L and SP1-L7

[2]Alternate offering for SP1-4. Review stud length (Dim. Z) for potential replacement for SP1-4L

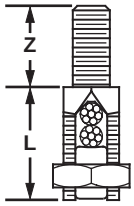
[3]Alternate offering for SP1-3 and SP1-2. Review stud length (Dim. Z) for potential replacement for SP1-3L and SP1-2L

[4]Alternate offering for SP1-1/0 and SP1-2/0. Note stud size difference. Review stud length (Dim. Z) for potential replacement for SP1-1/0L and SP1-2/0L

Order number of pieces required, in multiples of Standard Package Quantity.

Bronze Service Post Connector, Male Stud, Two Conductor

- For grounding two copper code conductors to steel structures, busbars, or transformers or for tapping from busbar with hex nut and washer
- Made from high copper content, hard drawn copper rod provides high strength
- Pressure bar provides secure connection on a full range of conductor combinations used with each connector providing premium wire pull-out strength
- cULus 467 Listed for grounding and bonding and suitable for direct burial in earth or concrete



Type SP2 — Premium Grade

- True hex design for body and nut hex provides correct fit with socket, box, or open end wrenches for easy installation process
- Offered with standard and long stud lengths for optimized fit of the threaded stud through the mounting surface

Type GSP2 — Value Grade

- Incorporates longer stud length than standard SP2 stud length to accommodate a variety of mounting applications
- Greater wire range-taking capability allows one GSP2 part to substitute for up to four SP2 parts (see Table for comparatives) — reduces inventory, saves costs

Part Number	Conductor Size Range (AWG)	Stud Size* (UNC Threads)	Figure Dimensions (In.) L	Figure Dimensions (In.) Z	Nut Hex (In.)	Body Hex (In.)	Std. Pkg. Qty.
SP2-8-C	#12 SOL – #8 STR	1/4 – 20	0.75	0.50	0.50	0.38	100
SP2-8L-C			0.75	1.00	0.50	0.38	
NEW! GSP2-12-6-C[1]	#12 SOL – #6 STR		0.94	0.83	0.69	0.56	
SP2-7-C	#10 SOL – #7 STR		1.00	0.50	0.69	0.50	
SP2-7L-C			1.00	1.00	0.69	0.50	
SP2-4-C	#10 SOL – #4 STR	5/16 – 18	1.16	0.56	0.75	0.56	100
SP2-4L-C			1.16	1.00	0.75	0.56	
NEW! GSP2-10-4-C[2]			1.30	0.83	0.81	0.69	
SP2-3-C	#10 SOL – #3 STR	3/8 – 16	1.09	0.63	0.81	0.63	100
SP2-3L-C			1.09	1.13	0.81	0.63	
NEW! GSP2-10-2-C[3]	#10 SOL – #2 STR		1.30	0.83	0.81	0.69	
SP2-2-C	#10 STR – #2 STR		1.38	0.63	0.88	0.69	
SP2-2L-C			1.28	1.13	0.88	0.69	
SP2-1/0-L	#2 SOL – 1/0 STR	1/2 – 13	1.69	0.75	1.00	0.75	50
SP2-1/0L-L			1.69	1.25	1.00	0.75	
NEW! GSP2-2-2/0-L[4]	#2 SOL – 2/0 STR	3/8 – 16	1.65	0.83	1.06	0.88	
SP2-2/0-Q		1/2 – 13	1.88	0.75	1.13	0.88	25
SP2-2/0L-Q			1.88	1.25	1.13	0.88	
SP2-4/0-Q	#1 SOL – 4/0 STR	5/8 – 11	2.25	1.00	1.38	1.13	25
SP2-4/0L-Q			2.25	1.50	1.38	1.13	
SP2-350-12	#1 STR – 350 kcmil		2.69	1.00	1.50	1.25	12
SP2-350L-12			2.69	1.50	1.50	1.25	
SP2-500-12	3/0 STR – 500 kcmil	3/4 – 10	3.19	1.38	1.81	1.50	12
SP2-500L-12			3.19	1.75	1.81	1.50	

*Type GSP1 does not have a true hex body. Apply open-end wrench to body width normal to conductor slot

[1]Alternate offering for SP2-8 and SP2-7. Review stud length (Dim. Z) for potential replacement for SP2-8L and SP2-L7

[2]Alternate offering for SP2-4. Review stud length (Dim. Z) for potential replacement for SP2-4L

[3]Alternate offering for SP2-3 and SP2-2. Review stud length (Dim. Z) for potential replacement for SP2-3L and SP2-2L

[4]Alternate offering for SP2-1/0 and SP2-2/0. Note stud size difference. Review stud length (Dim. Z) for potential replacement for SP2-1/0L and SP2-2/0L

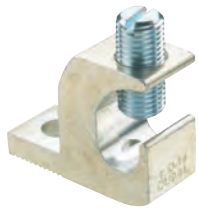
Copper and Aluminum One-Hole Grounding Lay-in Lug

Type LI

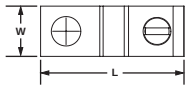
- Used for quick installation of a continuous grounding conductor
- UL 467 Listed for grounding and bonding; copper body lugs are UL Listed for direct burial in earth or concrete (aluminum body lugs are not direct burial rated)
- cULus Listed for use up to 600 V and temperature rated 90ºC
- Wire range-taking capability minimizes inventory requirements, saves cost

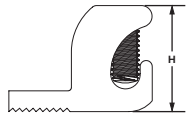
Copper

Tin-Plated Copper



Aluminum





Part Number	Set Screw Material	Conductor Size Range (AWG)	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)			Std. Pkg. Qty.
					L	W	H	
Copper Body								
LICC4-22-C	Stainless Steel	#14 SOL – #4 STR	0.22	**	1.16	0.39	0.87	100
Tin-Plated Copper Body								
LICC4-22TP-C	Stainless Steel	#14 SOL – #4 STR	0.22	**	1.16	0.39	0.87	100
Tin-Plated Aluminum Body*								
LIAC4-22-C*	Stainless Steel	#14 SOL – #4 STR	0.22	**	1.06	0.39	0.78	100
LIAS1/0-14-L*	Zinc Plated Steel	#14 SOL – 1/0 STR	0.27	**	1.50	0.61	1.10	50
LIAS250-56-Q*		#6 SOL – 250 STR	0.33	1/4	2.20	0.80	1.70	25

*Not DB Rated.
**Uses slotted head set screw.
The use of Panduit oxide inhibiting joint compound (CMP) is recommended for pad and conductor connections.

Joint Compounds

Type CMP

- Oxide inhibitor for compression conductor connections lowers electrical resistance of compression joint while sealing out air and moisture to prevent the formation of surface oxides
- Wide operating temperature range; can be used in a wide range of electrical and environmental conditions
- Packaged in convenient dispenser bottles

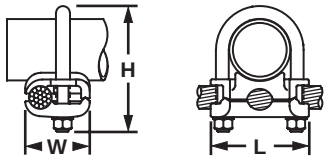
Part Number	Part Description	Std. Pkg. Qty.
CMP-100-1	Contact aid for pad-to-pad or thread-to-thread aluminum connections, 8 oz. Operating temperature range -60°F (-51°C) to 400°F (204°C).	1
CMP-200-1	Contact aid for cable connections with compression connections made on aluminum conductor, 8 oz. Operating temperature range -40°F (-40°C) to 400°F (204°C). Compatible with all insulating materials.	
CMP-300-1	Contact aid for copper-to-copper and copper-to-steel connections, 8 oz. Operating temperature range -40°F (-40°C) to 350°F (177°C). Good for all voltages and suitable for grounding. Also used for anti-seizing thread lubricant.	
CMP-300-4-1	Contact aid for copper-to-copper and copper-to-steel connections, 4 oz. Operating temperature range -40°F (-40°C) to 350°F (177°C). Good for all voltages and suitable for grounding. Also used for anti-seizing thread lubricant.	

Order number of pieces required, in multiples of Standard Package Quantity.

Grounding Clamp, U-Bolt, Bronze

Type GPL

- Used to ground copper conductor parallel or at a right angle to a rod, tube, or pipe
- Made from high strength, electrolytic cast bronze
- High strength silicon bronze hardware provides long term reliable assembly
- Accommodates a wide range of pipe, tube, rod and conductor sizes – minimizes inventory requirements
- cULus 467 Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Ground Rod Size (In.)	Iron Pipe Size (In.)	Conductor Size Range	Figure Dimensions In. (mm) L	W	H	Bolt Dia. (In.)	Hex Size (In.)	Std. Pkg. Qty.
GPL-4-Q	5/8 or 3/4	3/8	#8 SOL – #4 STR	2.00 (50.8)	1.38 (35.1)	2.75 (69.9)	3/8	9/16	25
GPL-5-Q			#4 SOL – 2/0 STR	2.00 (50.8)	1.63 (41.4)	2.75 (69.9)			
GPL-6-Q			2/0 SOL – 250 kcmil	2.00 (50.8)	1.88 (47.8)	2.75 (69.9)			
GPL-8-Q	7/8 or 1	1/2 or 3/4	#8 SOL – #4 STR	2.38 (60.5)	1.38 (35.1)	2.63 (66.8)			
GPL-9-Q			#4 SOL – 2/0 STR	2.38 (60.5)	1.63 (41.4)	2.63 (66.8)			
GPL-10-Q			2/0 SOL – 250 kcmil	2.38 (60.5)	1.88 (47.8)	3.00 (76.2)			
GPL-14-X	—	1	#8 SOL – #4 STR	2.63 (66.8)	1.38 (35.1)	2.75 (69.9)	3/8	9/16	10
GPL-15-X	—		#4 SOL – 2/0 STR	2.63 (66.8)	1.63 (41.4)	2.75 (69.9)			
GPL-16-X	—		2/0 SOL – 250 kcmil	2.63 (66.8)	1.88 (47.8)	3.25 (82)			
GPL-20-X	—	1 1/4	#8 SOL – #4 STR	3.00 (76.2)	1.38 (35.1)	3.50 (88.9)			
GPL-21-X	—		#4 SOL – 2/0 STR	3.00 (76.2)	1.63 (41.4)	3.50 (88.9)			
GPL-22-X	—		2/0 SOL – 250 kcmil	3.00 (76.2)	1.88 (47.8)	3.50 (88.9)			
GPL-26-X	—	1 1/2	#8 SOL – #4 STR	3.25 (82.6)	1.38 (35.1)	4.00 (101.6)			
GPL-27-X	—		#4 SOL – 2/0 STR	3.25 (82.6)	1.63 (41.4)	4.00 (101.6)			
GPL-28-X	—		2/0 SOL – 250 kcmil	3.25 (82.6)	1.88 (47.8)	4.00 (101.6)			
GPL-32-3	—	2	#8 SOL – #4 STR	3.75 (95.3)	1.38 (35.1)	4.25 (107.9)	3/8	9/16	3
GPL-33-3	—		#4 SOL – 2/0 STR	3.75 (95.3)	1.63 (41.4)	4.25 (107.9)			
GPL-34-3	—		2/0 SOL – 250 kcmil	3.75 (95.3)	1.88 (47.8)	4.25 (107.9)			
GPL-39-3	—	2 1/2	#4 SOL – 2/0 STR	4.25 (107.9)	1.63 (41.4)	5.00 (127)			
GPL-40-3	—		2/0 SOL – 250 kcmil	4.25 (107.9)	1.88 (47.8)	5.00 (127)			
GPL-44-1	—	3	#8 SOL – #4 STR	4.75 (120.6)	1.38 (35.1)	5.50 (139.7)	3/8	9/16	1
GPL-45-1	—		#4 SOL – 2/0 STR	4.75 (120.6)	1.63 (41.4)	5.50 (139.7)			
GPL-46-1	—		2/0 SOL – 250 kcmil	4.75 (120.6)	1.88 (47.8)	5.50 (139.7)			
GPL-51-1	—	3 1/2	#4 SOL – 2/0 STR	5.25 (133.4)	1.63 (41.4)	6.25 (158)			

Continued on next page

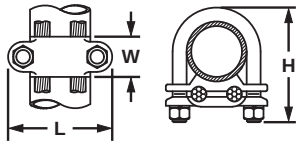
Grounding Clamp, U-Bolt, Bronze (continued)

Part Number	Ground Rod Size (In.)	Iron Pipe Size (In.)	Conductor Size Range	Figure Dimensions In. (mm) L	W	H	Bolt Dia. (In.)	Hex Size (In.)	Std. Pkg. Qty.
GPL-52-1	—	3 1/2	2/0 SOL – 250 kcmil	5.25 (133.4)	1.88 (47.8)	6.25 (158)	3/8	9/16	1
GPL-57-1	—	4	#4 SOL – 2/0 STR	5.75 (146.0)	1.63 (41.4)	6.38 (162.1)			
GPL-58-1			2/0 SOL – 250 kcmil	5.75 (146.0)	1.88 (47.8)	6.38 (162.1)			
GPL-75-X	—	6	#4 SOL – 2/0 STR	7.88 (200.2)	1.58 (40.1)	7.85 (199.4)	3/8	1 1/4	10

Bronze Grounding Clamp, U-Bolt, for Two Cables

Type GU

- Used to ground two copper code conductors parallel to a rod, tube, or pipe
- Made from high strength, electrolytic cast bronze
- High strength silicon bronze hardware provides long term reliable assembly
- Accommodates a wide range of pipe, tube, rod and conductor sizes – minimizes inventory requirements, saves cost
- cULus 467 Listed for grounding and bonding and suitable for direct burial in earth or concrete

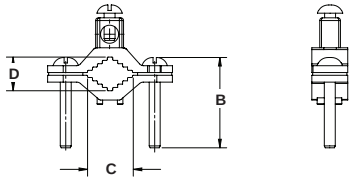


Part Number	Ground Rod Size (In.)	Iron Pipe Size (In.)	Figure Dimensions (In.) L	W	H	Bolt Dia. (In.)	Hex Size (In.)	Std. Pkg. Qty.
GU-2-X	#4 SOL – 2/0 STR	1	2.75	1.13	3.25	3/8	9/16	10
GU-4-X	#8 SOL – #4 STR	1 1/4	3.00	1.13	3.25			
GU-11-X	#4 SOL – 2/0 STR	2	1.31	3.62	4.44			
GU-13-3	300 kcmil – 500 kcmil	2	4.00	1.50	4.63	1/2	3/4	3

Bronze Ground Clamp

Type GPC

- Bonds water pipe to copper conductors
- Made from high strength, electrolytic cast bronze
- Zinc plated steel hardware
- Wire range-taking capability minimizes inventory requirements, saves cost
- cULus 467 Listed for grounding and bonding



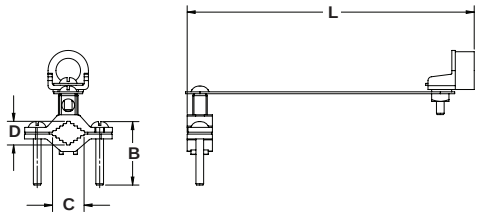
Part Number	Conductor Size Range (AWG)	Iron Pipe Size (In.)	Figure Dimensions (In.) B	C	D	Std. Pkg. Qty.
Standard Duty						
GPC2-1-Q	#10 SOL – #2 STR	1/2 – 1	1.65	0.78	0.63	25
GPC2-2-L		1 1/4 – 2	2.22	2.09	1.44	50
GPC2-4-X		2 1/2 – 4	4.25	4.15	2.73	10
GPC2-6-X		4 1/2 – 6	5.20	6.00	2.85	
Light Duty						
GPCJ2-1-C	#10 SOL – #2 STR	1/2 – 1	1.65	0.90	0.51	10

Order number of pieces required, in multiples of Standard Package Quantity.

Bronze Ground Clamp for Conduit with Strap

Type GPCS

- Bonds water pipe to rigid conduit and to copper conductors in EMT and rigid conduit
- Copper contact strip included to isolate conduit system from water pipe vibrations
- Includes high strength bronze conduit hub to ensure a durable connection to conduit
- Made from high strength, electrolytic cast bronze
- Zinc plated steel hardware
- Wire range-taking capability minimizes inventory requirements, saves cost
- cULus 467 Listed for grounding and bonding

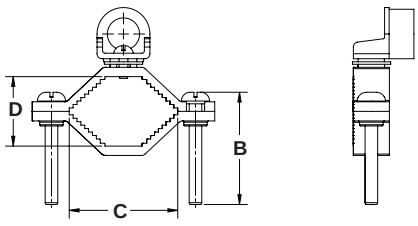


Part Number	Conductor Size Range (AWG)	Iron Pipe Size (In.)	Conduit Hub Size (In.)	Figure Dimensions (In.)				Std. Pkg. Qty.
				B	C	D	L	
GPCS4-1-12-L	#8 SOL – #4 STR	1/2 – 1	1/2	1.65	0.78	0.63	7.25	50
GPCS4-2-12-L			3/4	1.65	0.78	0.63	7.50	
GPCS4-4-12-L			1	1.65	0.78	0.63	7.75	

Bronze Ground Clamp for Conduit

Type GPC

- Bonds water pipe to rigid conduit and to copper conductors in EMT and rigid conduit
- Includes high strength bronze conduit hub to ensure a durable connection to conduit
- Made from high strength, electrolytic cast bronze
- Zinc plated steel hardware
- Wire range-taking capability minimizes inventory requirements, saves cost
- cULus 467 Listed for grounding and bonding

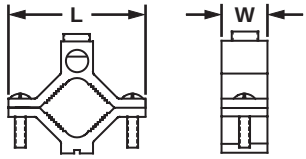


Part Number	Conductor Size Range (AWG)	Iron Pipe Size (In.)	Conduit Hub Size (In.)	Figure Dimensions (In.)			Std. Pkg. Qty.
				B	C	D	
GPC4-1-12-Q	#8 SOL – #4 STR	1/2 – 1	1/2	1.65	1.00	0.56	25
GPC4-1-34-L			3/4	1.65	1.00	0.56	50
GPC4-1-1-L			1	1.65	1.00	0.56	
GPC4-2-12-L	#8 SOL – #4 STR	1 1/4 – 2	1/2	2.22	2.08	1.33	50
GPC4-2-34-Q			3/4	2.22	2.08	1.33	25
GPC4-2-1-Q			1	2.22	2.08	1.33	
GPC4-4-12-X	#8 SOL – #4 STR	2 1/2 – 4	1/2	4.25	3.81	2.75	10
GPC4-4-34-X			3/4	4.25	3.81	2.75	
GPC4-4-1-X			1	4.25	3.81	2.75	
GPC4-6-12-X	#8 SOL – #4 STR	4 1/2 – 6	1/2	5.20	6.00	2.90	10
GPC4-6-34-5			3/4	5.20	6.00	2.90	5
GPC4-6-1-X			1	5.20	6.00	2.90	10

Grounding Clamp for Water Pipes, Aluminum

Type GC

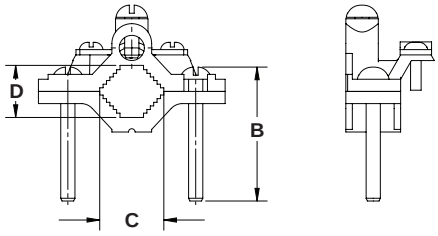
- Dual-rated for grounding aluminum or copper code conductors to copper water pipe, galvanized pipe, or steel conduit
- Made from high strength, extruded aluminum alloy to provide long term durability
- Tin-plated to inhibit corrosion and oxidation and for low contact resistance
- Plated steel screws provide high strength and inhibit corrosion
- Accommodates a wide range of pipe, tube, and conductor sizes – minimizes inventory requirements
- UL 467 Listed and CSA Certified for grounding and bonding



Part Number	Conduit Pipe or Water Tube Size	Conductor Size Range	Figure Dimensions (In.)		Std. Pkg. Qty.
			L	W	
GC-15A-Q	1/2 – 3/4 – 1	#14 AWG – 1/0 AWG	2.25 (57.2)	0.69 (17.5)	25
GC-18A-X	1 1/4 – 1 1/2 – 2	#6 AWG – 250 kcmil	3.75 (95.3)	0.81 (20.6)	10
GC-22A-4	2 1/2 – 3 – 3 1/2 – 4		6.31 (95.3)	1.00 (25.4)	4

Bronze Ground Clamp, Armored Cable

- Bonds water pipe to copper conductors in armored cables
- Made from high strength, electrolytic cast bronze
- Wire range-taking capability minimizes inventory requirements, saves cost
- cULus 467 Listed for grounding and bonding; GPCA2-1D-C is suitable for direct burial in earth or concrete



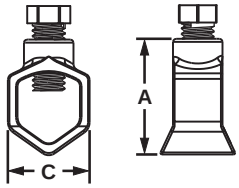
Part Number	Conductor Size Range (AWG)	Iron Pipe Size (In.)	Figure Dimensions (In.)			Std. Pkg. Qty.
			B	C	D	
Phos Bronze Hardware						
GPCA2-1D-C	#8 SOL – #4 STR	1/2 – 1	1.65	1.00	0.59	100
Zinc Plated Steel Hardware*						
GPCA2-1-C*	#8 SOL – #4 STR	1/2 – 1	1.65	1.00	0.59	100
GPCA2-2-L*		1 1/4 – 2	2.22	2.22	1.19	50
GPCA2-4-X*		2 1/2 – 4	4.25	3.83	2.70	10
GPCA2-6-X*		4 1/2 – 6	5.20	5.96	4.50	

*Not DB rated

Order number of pieces required, in multiples of Standard Package Quantity.

Bronze Ground Rod Clamps, Direct Burial

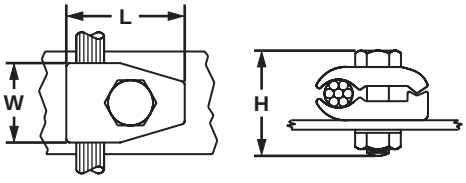
- Used for grounding copper conductor parallel to ground rods
- Made from high strength, seamless electrolytic bronze to provide long term durability
- High strength phos bronze hardware provides long term reliable assembly
- cULus 467 Listed for grounding and bonding and suitable for direct burial in earth or concrete – for type GRC and GRCH
- UL Listed and CSA Certified for grounding and bonding and suitable for direct burial in earth or concrete – for Type WB



Part Number	Conductor Size Range (AWG)	Ground Rod Size (In.)	Figure Dimensions (In.) A	Figure Dimensions (In.) C	Hex Head Size (In.)	Std. Pkg. Qty.
Standard Duty						
GRC4-38-TL	#10 SOL – #4 STR	3/8	1.00	0.82	1/2	250
GRC2-12-TL	#10 SOL – #2 STR	1/2	1.19	0.68		
GRC2-58-TL		5/8	1.34	0.64		
GRC2-34-T		3/4	1.48	0.71		200
WB12-L		1/2	1.28	0.88		50
WB34-X	#8 SOL – 1/0 STR #8 SOL – #2 STR	5/8 3/4	1.54	1.03		10
WB58-Q	#8 SOL – 1/0 STR	5/8	1.40	1.04		25
Heavy Duty						
GRCH2-12-T	#10 SOL – #2 STR	1/2	1.25	0.82	1/2	200
GRCH1/0-58-T	#8 SOL – 1/0 STR	5/8	1.42	0.99		
GRCH1/0-34-E		3/4	1.60	0.97		20

Bronze Grounding Clamp with Spacer for Flat Surfaces

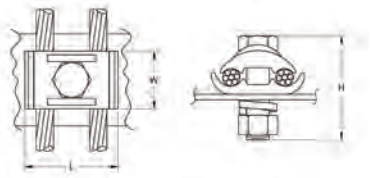
- Used to ground copper code conductor to flat surfaces
- Cast from high strength, electrolytic bronze to provide reliable grounding connections
- High strength silicon bronze hardware for long term reliable assembly
- Accommodates a wide range of conductor sizes – minimizes inventory requirement, saves cost
- Incorporates spacer plate to separate conductor from mounting surface
- cULus 467 Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Conductor Size Range (AWG)	Figure Dimensions (In.) L	W	H	Hex Size (In.) Bolt	Nut	Std. Pkg. Qty.
GM-1-Q	#8 Sol – #4 STR	1.10	1.00	1.46	3/8	9/16	25
GM-2-Q	#4 SOL – 2/0 STR	1.63	1.13	1.75	9/16		
GM-3-Q	2/0 SOL – 250 kcmil	2.13	1.50	2.00	3/4	3/4	
GM-4-X	300 kcmil – 500 kcmil	2.26	1.52	2.55	1/2		10

Bronze Grounding Clamp with Spacer for Flat Surfaces, Two Conductor

- Used to ground copper code conductors to flat surfaces
- Cast from high strength, electrolytic bronze
- Cast body includes anti-rotational flanges to keep hex head bolt from spinning
- High strength silicon bronze hardware for long term reliable assembly
- Accommodates a wide range of conductor sizes – minimizes inventory requirement, saves cost
- Incorporates spacer plate to separate conductors from mounting surface
- cULus 467 Listed for grounding and bonding and suitable for direct burial in earth or concrete

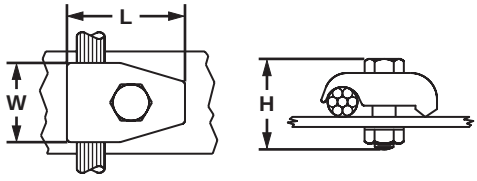


Part Number	Conductor Size Range (AWG)	Figure Dimensions (In.)			Hex Size (In.)		Std. Pkg. Qty.
		L	W	H	Bolt*	Nut	
GBC2250-12-X	2/0 SOL – 250 kcmil	2.04	1.25	2.27	3/4	3/4	10

*Bolt head will be contained within the anti-rotational flanges of cast body

Bronze Grounding Clamp with Spacer for Flat Surfaces, One Conductor

- Used to ground copper code conductor to flat surfaces
- Cast from high strength, electrolytic bronze to provide reliable grounding connections
- High strength silicon bronze hardware for long term reliable assembly
- Accommodates a wide range of conductor sizes – minimizes inventory requirement, saves cost
- cULus 467 Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Conductor Size Range (AWG)	Figure Dimensions (In.)			Hex Size (In.)		Std. Pkg. Qty.
		L	W	H	Bolt	Nut	
GMS-1-X	#8 SOL – #4 STR	1.25	1.00	1.63	9/16	9/16	10
GMS-2-Q	#4 SOL – 2/0 STR	1.63	1.13	1.75	9/16	9/16	25
GMS-3-Q	2/0 SOL – 250 kcmil	2.13	1.50	2.00	3/4	3/4	

MGC2 Series Ground Clamps

- Solution for grounding a pair of copper cables to flat surfaces
- Connectors are cULus listed and rated for Direct Burial in earth or concrete
- Compatible with a wide range of wire sizes in both solid and stranded
- Designed for joining un-even wire sizes within the listed range
- Top plate captures the bolt head for simple one-wrench installation
- Hardware is Silicon Bronze for maximum corrosion resistance

Part Number	Wire Range	Figure Dimensions (In.)			Thread
		L	W	H	
MGC2-4-Q	Solid: 8 AWG – 4 AWG Stranded: 8 AWG – 4 AWG	1.3	1.2	1.5	3/8-16
MGC2-2/0-Q	Solid: 4 AWG – 2/0 AWG Stranded: 4 AWG – 2/0 AWG	1.5	1.5	1.7	
MGC2-250-X	Solid: 2/0 AWG – 4/0 AWG Stranded: 2/0 AWG – 250 kcmil	1.3	2.0	2.1	1/2-13
MGC2-500-X	Solid: N/A Stranded: 300 kcmil – 500 kcmil	1.6	2.5	2.3	

Order number of pieces required, in multiples of Standard Package Quantity.