PAN-TERM® 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, Class IE Nuclear Rated, 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**
- **New 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.

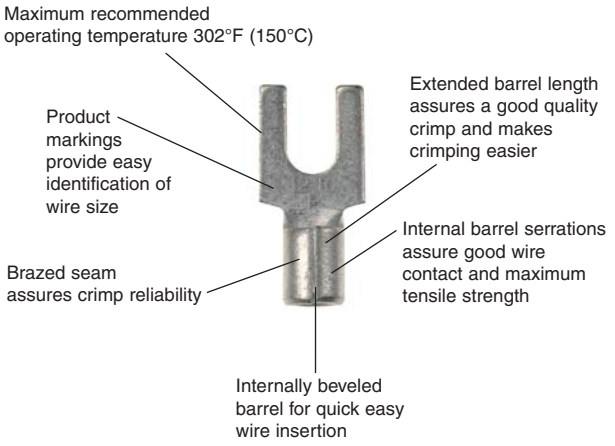
A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel Ties
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power Connectors
D3. Grounding Connectors
E1. Labeling Systems
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Permanent Identification
E5. Lockout/ Tagout & Safety Solutions
F. Index

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

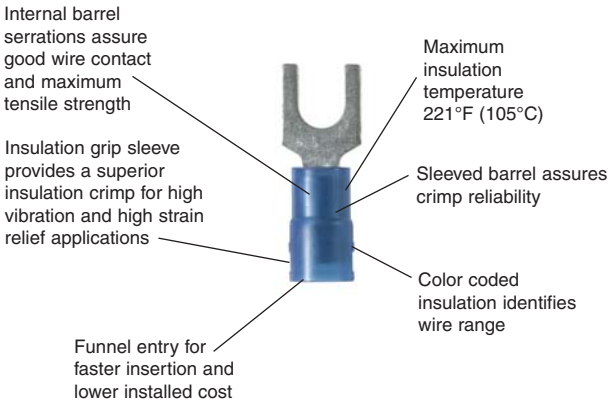


LISTED CERTIFIED

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

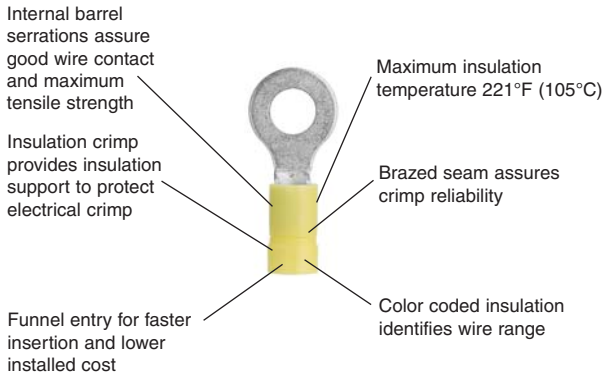


LISTED CERTIFIED

UL and CSA rated up to 600 V per UL 486A/B.
Flammability – UL 94V-2/HB.
Proprietary blend of UL 94V-2 and UL 94HB flammability rated materials.

Vinyl Insulated Terminals With Insulation Support

Type PV

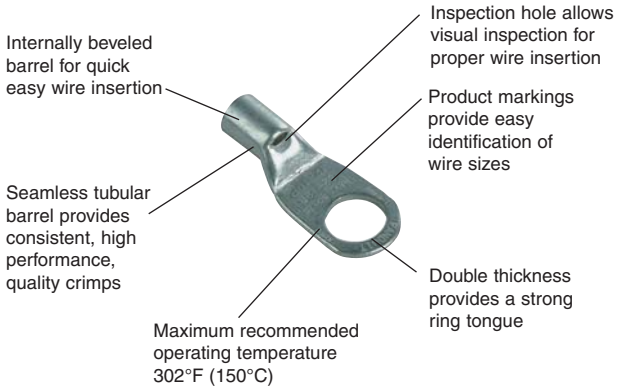


LISTED CERTIFIED

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

Non-Insulated Seamless Tubular Terminals

Type S



LISTED CERTIFIED

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

Panduit extensive line of tooling is specifically designed for optimum crimping performance.

See pages D1.83 – D1.89.

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

See pages E1.1 – E2.28.

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	D1.13
	Multiple Stud	Insulation Grip	PN-610R	D1.8
Vinyl	Standard Ring	Insulation Support	PV-R	D1.9
		Expanded Insulation	PV-RX	D1.10
		Heavy Duty	PV-HDR	D1.14
		Large Wire, Insulation Support	PV-R/X	D1.15
		Expanded Insulation, Insulation Support	PV-RX	D1.16
	Multiple Stud	Insulation Support	PV-610R	D1.11
Heat Shrink	Standard Ring	Heat Shrink Insulation	PH-R	D1.13
KYNAR▪ Insulated	Standard Ring	Insulation Grip	PK-R	D1.12
Non-Insulated	Standard Ring	Brazed Seam	P-R	D1.17
		High Temp, Brazed Seam	P-RHT	D1.19
		Heavy Duty	P-HDR	D1.20
		Large Wire	P-R	D1.20
	Multiple Stud	Brazed Seam	P-610R	D1.18
	Tubular Ring	Large Wire, Seamless Barrel	S-R	D1.20

▪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	D1.22
		Funnel Entry	PNF-F	D1.22
	Locking Fork	Insulation Grip	PN-LF	D1.24
		Funnel Entry	PNF-LF	D1.25
	Locking Fork Short	Insulation Grip	PN-SLF	D1.26
		Funnel Entry	PNF-SLF	D1.27
	Flanged Fork	Insulation Grip	PN-FF	D1.28
Vinyl	Standard Fork	Insulation Support	PV-F	D1.23
		Expanded Insulation	PV-FX	D1.24
	Locking Fork	Funnel Entry	PV-LF	D1.25
		Expanded Insulation Insulation Support	PV-LFX	D1.26
	Locking Fork Short	Funnel Entry	PV-SLF	D1.27
	Flanged Fork	Funnel Entry	PV-FF	D1.28
Heat Shrink	Standard Fork	Heat Shrink Insulation	PH-F	D1.31
Non-Insulated	Standard Fork	Brazed Seam	P-F	D1.29
	Flanged Fork	Brazed Seam	P-FF	D1.30
	Locking Fork	Brazed Seam	P-LF	D1.30
	Locking Fork Short	Brazed Seam	P-SLF	D1.31

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

Type
- P = Seamed Barrel
- S = Seamless Tubular Barrel

Insulation
- H = Heat Shrink
- K = KYNAR▪ Insulated
- N = Nylon Insulated
- NF = Nylon Insulated Funnel Entry
- V = Vinyl Insulated
- = Non-Ins. (leave blank)

Wire Range
- 22 = #26 – 22
- 18 = #22 – 18
- 14 = #16 – 14
- 12 = #16 – 12
- 10 = #12 – 10
- 8 = #8
- 6 = #6
- 4 = #4
- 2 = #2
- 1 = #1
- 1/0 = 1/0
- 2/0 = 2/0
- 3/0 = 3/0
- 4/0 = 4/0
- 250 = 250kcmil

Stud Size
- 2 = #2
- 4 = #4
- 5 = #5
- 6 = #6
- 8 = #8
- 10 = #10
- 14 = 1/4"
- 56 = 5/16"
- 38 = 3/8"
- 76 = 7/16"
- 12 = 1/2"

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

Special Configuration
- HT6 = High Temperature
- N = Narrow Tongue
- W = Wide Tongue
- X = Expanded Insulation
- = Non-Expanded Insulation (leave blank)

Std. Pkg. Size
- 5 = 5
- X = 10
- E = 20
- Q = 25
- L = 50
- C = 100
- T = 200
- D = 500
- M = 1000

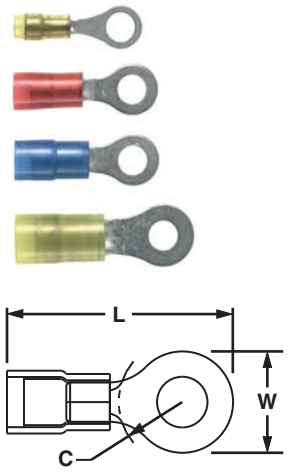
▪KYNAR is a registered trademark of Atofina Chemicals, Inc.

Ring Terminal, Nylon Insulated

LISTED CERTIFIED

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 94V-2/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			
PN22-2R-C*	26 – 22 AWG	Yellow	0.02	0.090	#2	0.69	0.20	0.18	CT-600-A, CT-1525, CT-2500	100	1000
PN22-4R-C*			0.02	0.090	#4	0.69	0.20	0.18		100	1000
PN22-6R-C*			0.02	0.090	#6	0.69	0.20	0.18		100	1000
PN22-8R-C*			0.02	0.090	#8	0.78	0.26	0.26		100	1000
PN22-10R-C*			0.02	0.090	#10	0.78	0.31	0.24		100	1000
PN18-4RN-C^	22 – 18 AWG	Red	0.03	0.145	#4	0.74	0.22	0.18	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PN18-4R-C			0.03	0.145	#4	0.80	0.25	0.22		100	500
PN18-6RN-C^			0.03	0.145	#6	0.77	0.22	0.18		100	500
PN18-6R-C^			0.03	0.145	#6	0.80	0.25	0.22		100	500
PN18-8R-C^			0.03	0.145	#8	0.86	0.31	0.25		100	500
PN18-10R-C^			0.03	0.145	#10	0.88	0.31	0.25		100	500
PN18-14R-C^			0.03	0.145	1/4"	1.09	0.45	0.38		100	500
PN18-56R-C^			0.03	0.145	5/16"	1.09	0.46	0.38		100	500
PN18-38R-C^			0.03	0.145	3/8"	1.17	0.53	0.43		100	500
PN18-12R-L			0.03	0.145	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‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PN14-6RN-C^			0.03	0.162	#6	0.76	0.25	0.20		100	500
PN14-6R-C^			0.03	0.162	#6	0.85	0.31	0.25		100	500
PN14-8R-C^			0.03	0.162	#8	0.85	0.31	0.25		100	500
PN14-10R-C^			0.03	0.162	#10	0.85	0.31	0.25		100	500
PN14-14R-C^			0.03	0.162	1/4"	1.05	0.46	0.38		100	500
PN14-56R-C^			0.03	0.162	5/16"	1.05	0.46	0.38		100	500
PN14-38R-L^			0.03	0.162	3/8"	1.14	0.53	0.43		50	500
PN14-12R-Q			0.03	0.162	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‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PN10-8R-L^			0.04	0.225	#8	1.06	0.37	0.31		50	500
PN10-10R-L^			0.04	0.225	#10	1.06	0.38	0.31		50	500
PN10-14R-L^			0.04	0.225	1/4"	1.21	0.52	0.38		50	500
PN10-56R-L^			0.04	0.225	5/16"	1.21	0.52	0.38		50	500
PN10-38R-L^			0.04	0.225	3/8"	1.29	0.58	0.43		50	500
PN10-12R-Q			0.04	0.225	1/2"	1.47	0.72	0.53		25	125

*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 D1.96.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

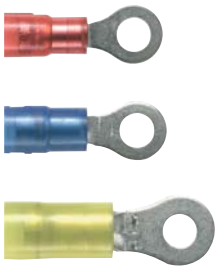
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

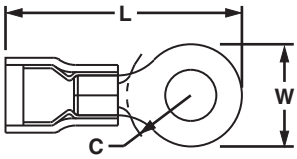
Ring Terminal, Nylon Insulated – Funnel Entry

LISTED CERTIFIED

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B





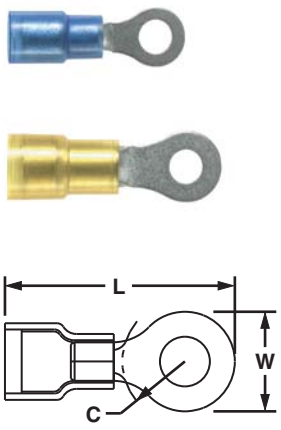
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
						L	W	C			
PNF18-4R-C	22 – 18 AWG	Red	0.03	0.136	#4	0.77	0.25	0.20	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PNF18-6RN-C^			0.03	0.136	#6	0.76	0.22	0.18		100	500
PNF18-6R-C^			0.03	0.136	#6	0.77	0.25	0.20		100	500
PNF18-8R-C^			0.03	0.136	#8	0.87	0.31	0.24		100	500
PNF18-10R-C^			0.03	0.136	#10	0.87	0.32	0.25		100	500
PNF18-14R-C^			0.03	0.136	1/4"	1.08	0.46	0.38		100	500
PNF18-56R-C^			0.03	0.136	5/16"	1.08	0.46	0.39		100	500
PNF18-38R-C^			0.03	0.136	3/8"	1.16	0.53	0.41		100	500
PNF14-4R-C^	16 – 14 AWG	Blue	0.03	0.162	#4	0.78	0.25	0.18	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PNF14-6RN-C^			0.03	0.162	#6	0.78	0.25	0.18		100	500
PNF14-6R-C^			0.03	0.162	#6	0.87	0.31	0.24		100	500
PNF14-8R-C^			0.03	0.162	#8	0.87	0.31	0.25		100	500
PNF14-10R-C^			0.03	0.162	#10	0.85	0.31	0.29		100	500
PNF14-14R-C^			0.03	0.162	1/4"	1.06	0.46	0.40		100	500
PNF14-56R-C^			0.03	0.162	5/16"	1.06	0.46	0.40		100	500
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‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PNF10-8R-L^			0.04	0.225	#8	1.06	0.37	0.31		50	500
PNF10-10R-L^			0.04	0.225	#10	1.06	0.37	0.31		50	500
PNF10-14R-L^			0.04	0.225	1/4"	1.21	0.52	0.38		50	500
PNF10-56R-L^			0.04	0.225	5/16"	1.21	0.52	0.38		50	500
PNF10-38R-L^			0.04	0.225	3/8"	1.29	0.58	0.43		50	500

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
^For military specification cross reference see page D1.96.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



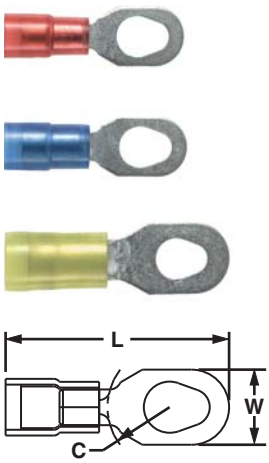
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN14-6RX-C	16 – 14 AWG	Blue	0.03	0.200	#6	0.93	0.31	0.25	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PN14-8RX-C			0.03	0.200	#8	0.93	0.31	0.25		100	500
PN14-10RX-C			0.03	0.200	#10	0.93	0.31	0.25		100	500
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‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PN10-8RX-L			0.04	0.265	#8	1.13	0.37	0.33		50	500
PN10-10RX-L			0.04	0.265	#10	1.13	0.37	0.33		50	500
PN10-14RX-L			0.04	0.265	1/4"	1.27	0.52	0.42		50	500
PN10-56RX-L			0.04	0.265	5/16"	1.27	0.52	0.42		50	500
PN10-38RX-L			0.04	0.265	3/8"	1.35	0.58	0.46		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 pages D1.83, D1.84, D1.86 and D1.88.

Multiple Stud Terminal, Nylon Insulated

Type PN-610R

- Teardrop shaped mounting hole of multiple stud terminals permits use with #6, #8, or #10 size studs
- 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 94V-2/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.
PN18-610R-C	22 – 18 AWG	Red	0.03	0.145	#6, #8, #10	0.95	0.31	0.25	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡, CT-400	100	500
PN14-610R-C	16 – 14 AWG	Blue	0.03	0.165		0.95	0.31	0.25		100	500
PN10-610R-L	12 – 10 AWG	Yellow	0.04	0.225		1.17	0.37	0.33		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 pages D1.83, D1.84, D1.86 and D1.88.

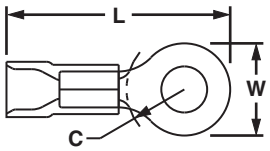
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Ring Terminal, Vinyl Insulated – Funnel Entry

LISTED CERTIFIED

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	CT-600-A, CT-1525, CT-2500	100	1000
PV22-4R-CY*			0.02	0.110	#4	0.68	0.21	0.18		100	1000
PV22-6R-CY*			0.02	0.110	#6	0.68	0.21	0.18		100	1000
PV22-8R-CY*			0.02	0.110	#8	0.78	0.26	0.26		100	1000
PV22-10R-CY*			0.02	0.110	#10	0.78	0.32	0.24		100	1000
PV18-4R-CY	22 – 18 AWG	Red	0.03	0.150	#4	0.84	0.25	0.22	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV18-6R-CY			0.03	0.150	#6	0.86	0.25	0.22		100	500
PV18-8R-CY			0.03	0.150	#8	0.91	0.31	0.26		100	500
PV18-10R-CY			0.03	0.150	#10	0.94	0.31	0.27		100	500
PV18-14R-CY			0.03	0.150	1/4"	1.11	0.46	0.37		100	500
PV18-56R-CY			0.03	0.150	5/16"	1.11	0.46	0.39		100	500
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‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV14-6RN-C			0.03	0.170	#6	0.84	0.25	0.19		100	500
PV14-6R-C			0.03	0.170	#6	0.92	0.31	0.25		100	500
PV14-8R-C			0.03	0.170	#8	0.92	0.31	0.25		100	500
PV14-10R-C			0.03	0.170	#10	0.92	0.31	0.25		100	500
PV14-14R-C			0.03	0.170	1/4"	1.12	0.46	0.38		100	500
PV14-56R-C			0.03	0.170	5/16"	1.12	0.46	0.38		100	500
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‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PV10-8R-L			0.04	0.225	#8	1.05	0.31	0.31		50	500
PV10-10R-L			0.04	0.225	#10	1.05	0.31	0.31		50	500
PV10-14R-L			0.04	0.225	1/4"	1.23	0.52	0.38		50	500
PV10-56R-L			0.04	0.225	5/16"	1.23	0.52	0.38		50	500
PV10-38R-L			0.04	0.225	3/8"	1.31	0.58	0.41		50	500
PV10-12R-Q			0.04	0.225	1/2"	1.46	0.72	0.53		25	250

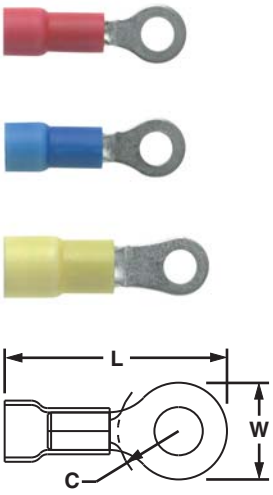
*Wire sizes #26 – 22 AWG, are not UL Listed or CSA Certified.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

Ring Terminal, Vinyl Expanded Insulation

LISTED CERTIFIED

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‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV18-6RX-CY			0.03	0.170	#6	0.89	0.25	0.22		100	500
PV18-8RX-CY			0.03	0.170	#8	0.97	0.31	0.27		100	500
PV18-10RX-CY			0.03	0.170	#10	0.96	0.31	0.27		100	500
PV18-14RX-CY			0.03	0.170	1/4"	1.17	0.46	0.40		100	500
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‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV14-6RX-C			0.03	0.200	#6	0.96	0.31	0.25		100	500
PV14-8RX-C			0.03	0.200	#8	0.96	0.31	0.25		100	500
PV14-10RX-C			0.03	0.200	#10	0.96	0.31	0.25		100	500
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		50	500
PV14-38RX-L			0.03	0.200	3/8"	1.25	0.53	0.42		50	500
PV10-6RX-L	12 – 10 AWG	Yellow	0.04	0.250	#6	1.10	0.31	0.30	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PV10-8RX-L			0.04	0.250	#8	1.10	0.31	0.30		50	500
PV10-10RX-L			0.04	0.250	#10	1.10	0.31	0.30		50	500
PV10-14RX-L			0.04	0.250	1/4"	1.29	0.52	0.39		50	500
PV10-56RX-L			0.04	0.250	5/16"	1.29	0.52	0.42		50	500
PV10-38RX-L			0.04	0.250	3/8"	1.39	0.58	0.46		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 pages D1.83, D1.84, D1.86 and D1.88.

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

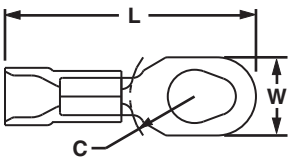
Prime items appear in **BOLD**.

Multiple Stud Terminal, Vinyl Insulated – Funnel Entry

LISTED CERTIFIED

Type PV-610R

- Teardrop shaped mounting hole of multiple stud terminals permits use with #6, #8, or #10 size studs
- 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			
PV18-610R-CY	22 – 18 AWG	Red	0.03	0.150	#6, #8, #10	1.00	0.31	0.25	CT-100A, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV14-610R-C	16 – 14 AWG	Blue	0.03	0.170		1.00	0.31	0.25		100	500
PV10-610R-L	12 – 10 AWG	Yellow	0.04	0.225		1.17	0.37	0.31		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 pages D1.83, D1.84, D1.86 and D1.88.

Ring Terminal, KYNAR■ Insulated

LISTED CERTIFIED

Type PK-R

- For nuclear containment areas and high temperature to 300°F (150°C) applications
- 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:

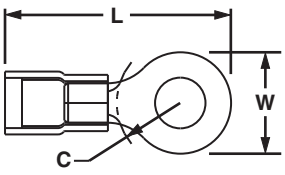
- Classified as Class 1E in accordance with IEEE 323-2003
- Metal insulation grip sleeve crimps to wire insulation, providing protection to the crimp joint during high vibration applications

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, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PK18-6R-C			0.03	0.145	#6	0.80	0.25	0.22		100	500
PK18-8R-C			0.03	0.145	#8	0.89	0.31	0.29		100	500
PK18-10R-C			0.03	0.145	#10	0.89	0.31	0.29		100	500
PK18-14R-C			0.03	0.145	1/4"	1.10	0.46	0.40		100	500
PK18-38R-C			0.03	0.145	3/8"	1.18	0.53	0.45		100	500
PK18-56R-C			0.03	0.145	5/16"	1.10	0.46	0.40		100	500
PK14-4R-C	18 – 14 AWG	Blue Stripe	0.03	0.162	#4	0.78	0.25	0.22	CT-100A, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PK14-6R-C			0.03	0.162	#6	0.87	0.31	0.29		100	500
PK14-8R-C			0.03	0.162	#8	0.87	0.31	0.29		100	500
PK14-10R-C			0.03	0.162	#10	0.87	0.31	0.29		100	500
PK14-14R-C			0.03	0.162	1/4"	1.08	0.46	0.40		100	500
PK14-38R-C			0.03	0.162	3/8"	1.15	0.53	0.43		100	500
PK14-56R-C			0.03	0.162	5/16"	1.08	0.46	0.40		100	500
PK10-6R-L	12 – 10 AWG	Yellow Stripe	0.04	0.225	#6	1.06	0.37	0.33	CT-100A, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PK10-8R-L			0.04	0.225	#8	1.06	0.37	0.33		50	500
PK10-10R-L			0.04	0.225	#10	1.06	0.37	0.33		50	500
PK10-14R-L			0.04	0.225	1/4"	1.25	0.38	0.42		50	500
PK10-38R-Q			0.04	0.225	3/8"	1.34	0.58	0.42		25	125

NEW!

Large Wire, KYNAR■ Insulated

PK8-8R-T	8 AWG	Red Stripe	0.04	0.326	#8	1.50	0.42	0.43	CT-2600, CD-2600-8‡	200	1200
PK8-10R-T			0.04	0.326	#10	1.52	0.47	0.43		200	1200
PK8-14R-T			0.04	0.326	1/4"	1.52	0.47	0.43		200	1200
PK8-56R-T			0.04	0.326	5/16"	1.63	0.59	0.51		200	1200
PK8-38R-T			0.04	0.326	3/8"	1.63	0.59	0.51		200	1200
PK8-12R-T			0.04	0.326	1/2"	1.73	0.82	0.51		200	1200
PK6-8R-T	6 AWG	Blue Stripe	0.05	0.360	#8	1.59	0.47	0.43	CT-2600, CD-2600-6‡	200	1200
PK6-10R-T			0.05	0.360	#10	1.60	0.47	0.43		200	1200
PK6-14R-T			0.05	0.360	1/4"	1.63	0.47	0.48		200	1200
PK6-56R-T			0.05	0.360	5/16"	1.72	0.62	0.53		200	1200
PK6-38R-T			0.05	0.360	3/8"	1.72	0.62	0.51		200	1200
PK6-12R-T			0.05	0.360	1/2"	1.82	0.82	0.51		200	1200
PK4-10R-T	4 AWG	Yellow Stripe	0.05	0.450	#10	1.86	0.55	0.50	CT-2600, CD-2600-4‡	200	1200
PK4-14R-T			0.05	0.450	1/4"	1.86	0.55	0.50		200	1200
PK4-56R-T			0.05	0.450	5/16"	1.93	0.68	0.50		200	1200
PK4-38R-T			0.05	0.450	3/8"	1.93	0.68	0.50		200	1200
PK4-12R-T			0.05	0.450	1/2"	2.02	0.86	0.50		200	1200
PK2-10R-T	2 AWG	Red Stripe	0.06	0.550	#10	1.95	0.68	0.58	CT-2600, CD-2600-2‡	200	1200
PK2-14R-T			0.06	0.550	1/4"	1.95	0.68	0.58		200	1200
PK2-56R-T			0.06	0.550	5/16"	1.95	0.68	0.58		200	1200
PK2-38R-T			0.06	0.550	3/8"	1.95	0.68	0.58		200	1200
PK2-12R-T			0.06	0.550	1/2"	2.04	0.86	0.58		200	1200



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

‡UL approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86, D1.88, and D1.89.

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

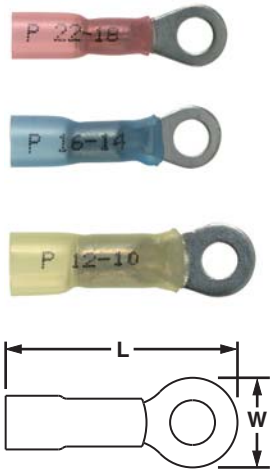
Prime items appear in **BOLD**.

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 (In.)	Figure Dimensions (In.)		Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
					L	W				
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	5/16		25	125
PH18-10R-Q			0.170	#10	1.08	0.31	5/16		25	125
PH18-14R-Q			0.170	1/4"	1.24	0.47	5/16		25	125
PH14-6R-Q	16 – 14 AWG	Blue	0.190	#6	1.06	0.31	5/16	CT-310	25	125
PH14-8R-Q			0.190	#8	1.03	0.31	5/16		25	125
PH14-10R-Q			0.190	#10	1.05	0.32	5/16		25	125
PH14-14R-Q			0.190	1/4"	1.24	0.46	5/16		25	125
PH14-56R-Q			0.190	5/16"	1.24	0.46	5/16		25	125
PH14-38R-Q			0.190	3/8"	1.24	0.53	5/16		25	125
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	5/16		20	100
PH10-14R-E			0.240	1/4"	1.20	0.52	5/16		20	100
PH10-38R-E			0.240	3/8"	1.20	0.59	5/16		20	100
PH10-12R-E			0.240	1/2"	1.54	0.72	5/16		20	100

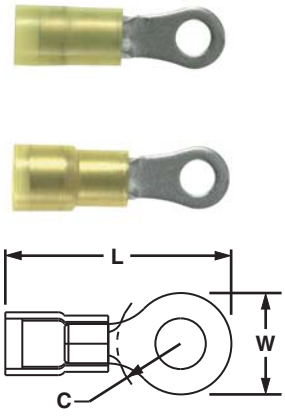
For crimping tool information, see page D1.85.

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 94V-2/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			
PN12-8HDR-L	16 – 12 AWG	Yellow	0.05	0.225	#8	1.06	0.31	0.35	CT-1550‡, CT-1551‡, CT-2500‡	50	500
PN12-10HDR-L			0.05	0.225	#10	1.09	0.37	0.33		50	500
PN12-14HDR-L			0.05	0.225	1/4"	1.24	0.52	0.42		50	500
PN12-56HDR-L			0.05	0.225	5/16"	1.24	0.52	0.42		50	500
PN12-38HDR-L			0.05	0.225	3/8"	1.30	0.58	0.46		50	500

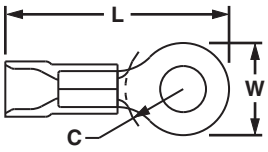
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.84 and D1.88.

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	CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PV12-8HDR-L			0.05	0.225	#8	1.05	0.31	0.35		50	500
PV12-10HDR-L			0.05	0.225	#10	1.08	0.37	0.33		50	500
PV12-14HDR-L			0.05	0.225	1/4"	1.23	0.52	0.42		50	500
PV12-56HDR-L			0.05	0.225	5/16"	1.23	0.52	0.42		50	500
PV12-38HDR-L			0.05	0.225	3/8"	1.31	0.58	0.46		50	500
Expanded Heavy Duty Insulation*											
PV12-6HDRX-L	16 – 12 AWG	Yellow	0.05	0.250	#6	1.05	0.31	0.35	CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PV12-8HDRX-L			0.05	0.250	#8	1.05	0.31	0.35		50	500
PV12-10HDRX-L			0.05	0.250	#10	1.08	0.37	0.33		50	500
PV12-14HDRX-L			0.05	0.250	1/4"	1.23	0.52	0.42		50	500
PV12-56HDRX-L			0.05	0.250	5/16"	1.23	0.52	0.42		50	500
PV12-38HDRX-L			0.05	0.250	3/8"	1.31	0.58	0.46		50	500

*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 tooling information, see pages D1.84, D1.86, and D1.88.

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

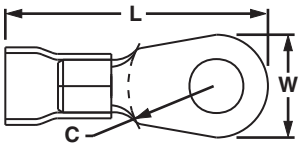
Prime items appear in **BOLD**.

Ring Terminal, Large Wire, Vinyl Insulated

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



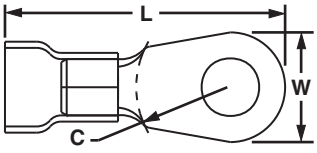
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
						L	W	C			
PV8-8R-QY	8 AWG	Red	0.04	0.280	#8	1.51	0.42	0.43	CT-720, CD-720PV8-2‡, CT-2600, CD-2600-PV8‡	25	250
PV8-10R-QY			0.04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

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL approved tooling/product combinations. For crimping tool information, see page D1.87 and D1.89.

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, CD-2600-PV8‡	25	250
PV8-10RX-QY			0.04	0.360	#10	1.52	0.47	0.43		25	250
PV8-14RX-QY			0.04	0.360	1/4"	1.52	0.47	0.43		25	250
PV8-56RX-QY			0.04	0.360	5/16"	1.62	0.59	0.51		25	250
PV8-38RX-QY			0.04	0.360	3/8"	1.62	0.59	0.51		25	250
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, CD-2600-PV6‡	20	200
PV6-10RX-X			0.05	0.436	#10	1.61	0.47	0.43		10	100
PV6-14RX-X			0.05	0.436	1/4"	1.61	0.47	0.43		10	100
PV6-56RX-X			0.05	0.436	5/16"	1.73	0.62	0.51		10	100
PV6-38RX-X			0.05	0.436	3/8"	1.73	0.62	0.53		10	100
PV4-10RX-E	4 AWG	Yellow	0.05	0.515	#10	1.87	0.55	0.53	CT-720, CD-720PV8-2‡, CT-2600, CD-2600-PV4‡	20	200
PV4-14RX-E			0.05	0.515	1/4"	1.87	0.55	0.53		20	200
PV4-56RX-E			0.05	0.515	5/16"	1.94	0.68	0.53		20	200
PV4-38RX-E			0.05	0.515	3/8"	1.94	0.68	0.53		20	200
PV4-12RX-E			0.05	0.515	1/2"	2.03	0.86	0.53		20	200
PV2-10RX-XY	2 AWG	Red	0.06	0.632	#10	1.94	0.68	0.58	CT-720, CD-720PV8-2‡, CT-2600, CD-2600-PV2‡	10	100
PV2-14RX-XY			0.06	0.632	1/4"	1.94	0.68	0.58		10	100
PV2-56RX-XY			0.06	0.632	5/16"	1.94	0.68	0.58		10	100
PV2-38RX-XY			0.06	0.632	3/8"	1.94	0.68	0.58		10	100
PV2-12RX-XY			0.06	0.632	1/2"	2.03	0.86	0.58		10	100

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL approved tooling/product combinations. For crimping tool information, see page D1.87 and D1.89.

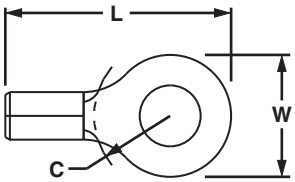
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

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	100	1000
P22-4R-C*		0.02	#4	0.52	0.20	0.16		100	1000
P22-6R-C*		0.02	#6	0.52	0.20	0.16		100	1000
P22-8R-C*		0.02	#8	0.63	0.26	0.25		100	1000
P22-10R-C*		0.02	#10	0.63	0.31	0.22		100	1000
P18-4R-C	22 – 16 AWG	0.03	#4	0.62	0.25	0.21	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-2500‡	100	1000
P18-6RN-C		0.03	#6	0.60	0.22	0.19		100	1000
P18-6R-C		0.03	#6	0.62	0.25	0.21		100	1000
P18-8R-C		0.03	#8	0.71	0.31	0.25		100	1000
P18-10R-C		0.03	#10	0.71	0.31	0.25		100	1000
P18-14R-C		0.03	1/4"	0.91	0.46	0.38		100	1000
P18-56R-C		0.03	5/16"	0.91	0.46	0.38		100	1000
P18-38R-C		0.03	3/8"	1.0	0.53	0.43		100	1000
P18-12R-C		0.03	1/2"	1.20	0.72	0.53		100	1000
P14-4R-C	18 – 14 AWG	0.03	#4	0.62	0.25	0.20	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-2500‡	100	1000
P14-6R-C		0.03	#6	0.62	0.25	0.20		100	1000
P14-8R-C		0.03	#8	0.71	0.31	0.25		100	1000
P14-10R-C		0.03	#10	0.71	0.31	0.25		100	1000
P14-14R-C		0.03	1/4"	0.91	0.46	0.38		100	1000
P14-56R-C		0.03	5/16"	0.91	0.46	0.38		100	1000
P14-38R-C		0.03	3/8"	1.0	0.53	0.43		100	1000
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‡, CT-600-A‡, CT-1570‡, CT-1701‡, CT-2500‡	50	500
P10-8R-L		0.04	#8	0.78	0.31	0.31		50	500
P10-10R-L^		0.04	#10	0.81	0.38	0.31		50	500
P10-14R-L		0.04	1/4"	0.96	0.52	0.38		50	500
P10-56R-L^		0.04	5/16"	0.95	0.52	0.38		50	500
P10-38R-L^		0.04	3/8"	1.05	0.58	0.44		50	500
P10-12R-L		0.04	1/2"	1.20	0.72	0.53		50	500

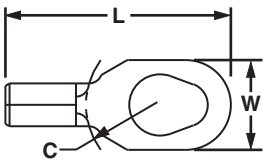
*Wire sizes #26 – 22 AWG are not UL Listed or CSA Certified.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
^For military specification cross reference see page D1.96.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

Multiple Stud Terminal, Non-Insulated

LISTED CERTIFIED

Type P-610R

- Ring tongue design assures a secure connection in high vibration applications
- Teardrop shaped mounting hole of multiple stud terminals permits use with #6, #8, or #10 size studs
- 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			
P18-610R-C	22 – 16 AWG	0.03	#6, #8, #10	0.80	0.31	0.25	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-1701‡, CT-2500‡	100	500
P14-610R-C	18 – 14 AWG	0.03		0.80	0.31	0.25		100	500
P10-610R-L	14 – 10 AWG	0.04		0.90	0.37	0.31		50	500

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For tooling information, see pages D1.83, D1.84, D1.86 and D1.88.

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

Prime items appear in **BOLD**.

Ring Terminal, Non-Insulated – High Temperature

Type P-RHT

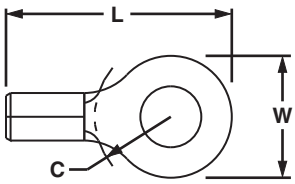
- Ring tongue design assures a secure connection in high vibration applications
- Nickel plated copper for temperatures up to 650°F (343°C)
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Brazed seam protects terminal barrel from splitting during the crimp process
- 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, CT-600-A, CT-1570, CT-2500	100	1000
P18-8RHT6-C		0.03	#8	0.71	0.31	0.25		100	1000
P18-10RHT6-C		0.03	#10	0.71	0.31	0.25		100	1000
P14-6RHT6-C	18 – 14 AWG	0.03	#6	0.62	0.25	0.20	CT-100A, CT-200, CT-600-A, CT-1570, CT-2500	100	1000
P14-8RHT6-C		0.03	#8	0.71	0.31	0.25		100	1000
P14-10RHT6-C		0.03	#10	0.71	0.31	0.25		100	1000
P10-6RHT6-L	12 – 10 AWG	0.04	#6	0.78	0.31	0.35	CT-100A, CT-200, CT-600-A, CT-1570, CT-1701, CT-2500	50	500
P10-8RHT6-L		0.04	#8	0.78	0.31	0.35		50	500
P10-10RHT6-L		0.04	#10	0.81	0.38	0.33		50	500
P10-14RHT6-L		0.04	1/4"	0.96	0.53	0.42		50	500

NEW!

Large Wire, Non-Insulated - High Temperature

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



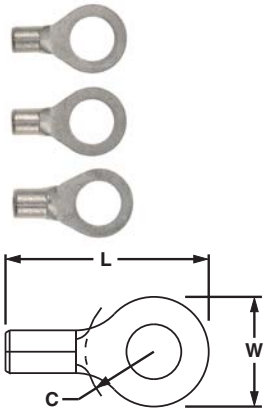
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see pages D1.83, D1.84, D1.86, D1.88, and D1.89.

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.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P12-6HDR-L	16 – 12 AWG	0.05	#6	0.78	0.31	0.36	CT-100A, CT-200, CT-1570‡, CT-2500‡	50	500
P12-8HDR-L		0.05	#8	0.78	0.31	0.36		50	500
P12-10HDR-L		0.05	#10	0.81	0.37	0.36		50	500
P12-14HDR-L		0.05	1/4"	0.96	0.52	0.43		50	500
P12-56HDR-L		0.05	5/16"	0.96	0.52	0.43		50	500
P12-38HDR-L		0.05	3/8"	1.04	0.58	0.48		50	500

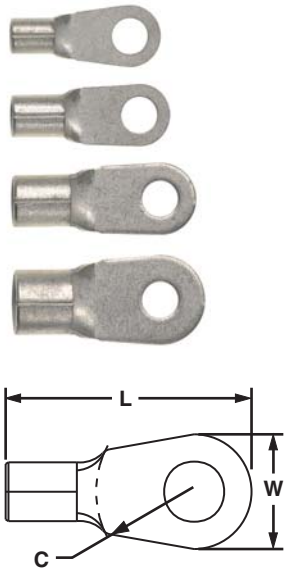
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, and D1.88.

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

*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 page D1.84 and D1.89.

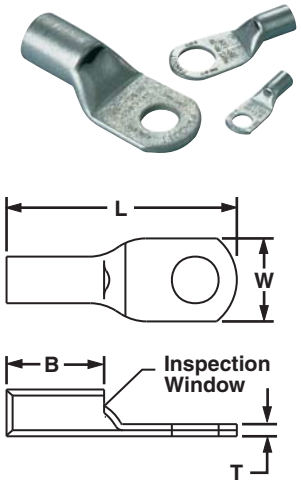
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Tubular Ring Terminal, Non-Insulated

LISTED CERTIFIED

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
- Maximum recommended operating temperature 302°F (150°C)
- UL and CSA rated up to 2000 V per UL 486A – 486B



Min. Tensile Strength of Tubular Ring Terminals			
#8	#6	#4	#2
90	100	140	180

Part Number	Wire Range	Stud Hole Size	Tongue Width (In.)	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
			W	L	B	T			
S8-10R-Q	8 AWG	#10	0.41	1.10	0.40	0.08	CT-1700, CT-720, CT-930, CT-930CH, CT-940CH, CT-2001, CT-2002, CT-2931, CT-2940	25	250
S8-14R-Q		1/4"	0.48	1.20	0.40	0.07		25	–
S8-56R-Q		5/16"	0.60	1.30	0.40	0.05		25	250
S8-38R-Q		3/8"	0.60	1.40	0.40	0.05		25	250
S6-10R-E	6 AWG	#10	0.45	1.20	0.48	0.09		20	200
S6-14R-E		1/4"	0.48	1.30	0.48	0.08		20	–
S6-56R-E		5/16"	0.56	1.40	0.48	0.07		20	200
S6-38R-E		3/8"	0.62	1.50	0.48	0.06		20	200
S4-10R-E	4 AWG	#10	0.55	1.20	0.48	0.09		20	200
S4-14R-E		1/4"	0.55	1.30	0.48	0.09		20	200
S4-56R-E		5/16"	0.55	1.40	0.48	0.09		20	200
S4-38R-E		3/8"	0.62	1.50	0.48	0.07		20	200
S2-10R-X	1 – 2 AWG	#10	0.70	1.60	0.59	0.11		10	100
S2-14R-X		1/4"	0.70	1.60	0.59	0.11		10	100
S2-56R-X		5/16"	0.70	1.70	0.59	0.11		10	100
S2-38R-X		3/8"	0.70	1.70	0.59	0.11		10	100
S2-12R-X		1/2"	0.79	1.90	0.59	0.09		10	100
S1/0-14R-X	1/0 AWG	1/4"	0.76	1.60	0.58	0.12	CT-720, CT-930, CT-930CH, CT-940CH, CT-2001, CT-2002, CT-980, CT-2980, CT-980CH, CT-2931, CT-2940	10	100
S1/0-56R-X		5/16"	0.76	1.70	0.58	0.12		10	100
S1/0-38R-X		3/8"	0.76	1.70	0.58	0.12		10	100
S1/0-12R-X		1/2"	0.82	1.90	0.58	0.12		10	100
S2/0-14R-X	2/0 AWG	1/4"	0.85	1.90	0.66	0.13		10	100
S2/0-56R-X		5/16"	0.85	1.90	0.66	0.13		10	100
S2/0-38R-X		3/8"	0.85	1.90	0.66	0.13		10	100
S2/0-76R-X		7/16"	0.85	2.10	0.66	0.13		10	100
S2/0-12R-X		1/2"	0.85	2.10	0.66	0.13		10	100
S3/0-14R-5	3/0 AWG	1/4"	0.96	2.10	0.83	0.13		5	50
S3/0-56R-5		5/16"	0.96	2.10	0.83	0.13		5	50
S3/0-38R-5		3/8"	0.96	2.10	0.83	0.13		5	50
S3/0-76R-5		7/16"	0.96	2.30	0.83	0.13		5	50
S3/0-12R-5		1/2"	0.96	2.30	0.83	0.13		5	50
S4/0-56R-5	4/0 AWG	5/16"	1.06	2.30	0.91	0.14		5	50
S4/0-38R-5		3/8"	1.06	2.30	0.91	0.14		5	50
S4/0-76R-5		7/16"	1.06	2.50	0.91	0.14		5	50
S4/0-12R-5		1/2"	1.06	2.50	0.91	0.14		5	50
S250-56R-5	250 kcmil	5/16"	1.17	2.50	1.01	0.14		5	50
S250-38R-5		3/8"	1.17	2.50	1.01	0.14		5	50
S250-76R-5		7/16"	1.17	2.60	1.01	0.14		5	50
S250-12R-5		1/2"	1.17	2.60	1.01	0.14		5	50

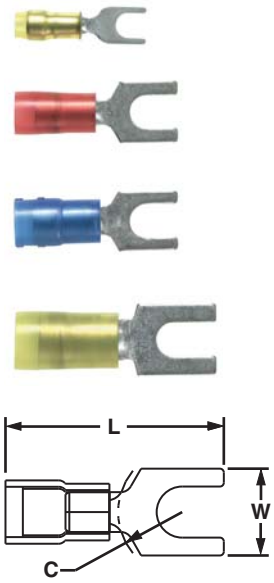
For crimping tool information, see pages D1.84, D1.87, D3.37 – D3.46.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.

Fork Terminal, Nylon Insulated

LISTED CERTIFIED

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 94V-2/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.
PN22-2F-C*	26 – 22 AWG	Yellow	0.02	0.090	#2	0.66	0.20	0.19	CT-600-A, CT-1525, CT-2500	100	1000
PN22-4F-C*			0.02	0.090	#4	0.67	0.20	0.21		100	1000
PN22-6F-C*			0.02	0.090	#6	0.77	0.25	0.26		100	1000
PN18-6FN-C*	22 – 18 AWG	Red	0.03	0.145	#6	0.78	0.24	0.20	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PN18-6F-C			0.03	0.145	#6	0.78	0.30	0.20		100	500
PN18-8F-C			0.03	0.145	#8	0.85	0.32	0.23		100	500
PN18-10FN-C*			0.03	0.145	#10	0.86	0.31	0.25		100	500
PN18-10F-C			0.03	0.145	#10	0.86	0.35	0.25		100	500
PN18-14F-C			0.03	0.145	1/4"	1.03	0.44	0.33		100	500
PN14-6FN-C*	18 – 14 AWG	Blue	0.03	0.162	#6	0.79	0.24	0.19	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PN14-6F-C			0.03	0.162	#6	0.79	0.28	0.19		100	500
PN14-8F-C			0.03	0.162	#8	0.85	0.31	0.23		100	500
PN14-10FN-C*			0.03	0.162	#10	0.87	0.31	0.24		100	500
PN14-10F-C			0.03	0.162	#10	0.87	0.34	0.24		100	500
PN14-14F-C			0.03	0.162	1/4"	1.02	0.44	0.32		100	500
PN10-6F-L	12 – 10 AWG	Yellow	0.04	0.225	#6	1.00	0.31	0.22	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PN10-8F-L			0.04	0.225	#8	1.03	0.37	0.22		50	500
PN10-10F-L			0.04	0.225	#10	1.04	0.37	0.22		50	500
PN10-14F-L			0.04	0.225	1/4"	1.14	0.49	0.30		50	500

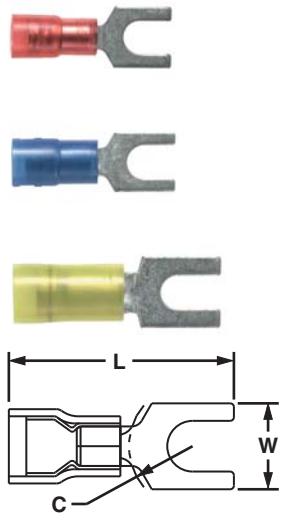
*Not UL Listed or CSA Certified.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

Fork Terminal, Nylon Insulated – Funnel Entry

LISTED CERTIFIED

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 94V-2/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‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PNF18-8F-C			0.03	0.136	#8	0.86	0.31	0.25		100	500
PNF18-10F-C			0.03	0.136	#10	0.87	0.34	0.26		100	500
PNF18-14F-C			0.03	0.136	1/4"	1.05	0.44	0.35		100	500
PNF14-6F-C	16 – 14 AWG	Blue	0.03	0.162	#6	0.80	0.28	0.22	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PNF14-8F-C			0.03	0.162	#8	0.85	0.31	0.25		100	500
PNF14-10F-C			0.03	0.162	#10	0.87	0.34	0.26		100	500
PNF14-14F-C			0.03	0.162	1/4"	1.05	0.44	0.35		100	500
PNF10-6F-L	12 – 10 AWG	Yellow	0.04	0.225	#6	1.01	0.31	0.24	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PNF10-8F-L			0.04	0.225	#8	1.02	0.37	0.24		50	500
PNF10-10F-L			0.04	0.225	#10	1.04	0.37	0.24		50	500
PNF10-14F-L			0.04	0.225	1/4"	1.15	0.50	0.31		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 pages D1.83, D1.84, D1.86 and D1.88.

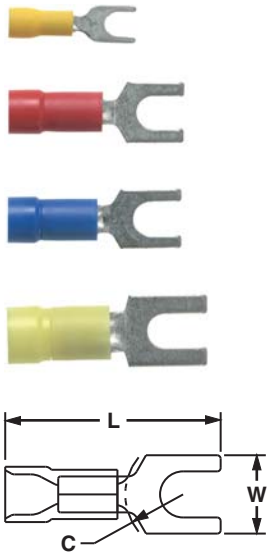
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Fork Terminal, Vinyl Insulated – Funnel Entry

LISTED CERTIFIED

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



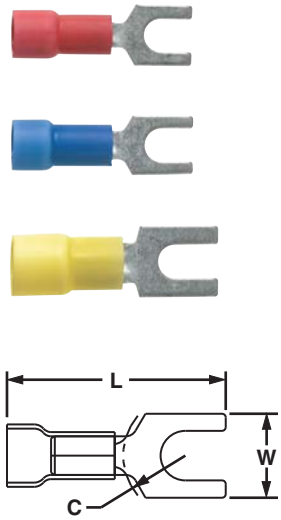
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV22-2F-CY*	26 – 22 AWG	Yellow	0.02	0.110	#2	0.61	0.20	0.19	CT-600-A, CT-1525, CT-2500	100	1000
PV22-4F-CY*			0.02	0.110	#4	0.67	0.20	0.21		100	1000
PV22-6F-CY*			0.02	0.110	#6	0.76	0.25	0.26		100	1000
PV18-6FN-CY*	22 – 16 AWG	Red	0.03	0.150	#6	0.85	0.24	0.21	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV18-6F-CY			0.03	0.150	#6	0.86	0.30	0.21		100	500
PV18-8F-CY			0.03	0.150	#8	0.93	0.32	0.25		100	500
PV18-10FN-CY*			0.03	0.150	#10	0.93	0.31	0.25		100	500
PV18-10F-CY			0.03	0.150	#10	0.93	0.35	0.25		100	500
PV14-6FN-C*	16 – 14 AWG	Blue	0.03	0.170	#6	0.84	0.24	0.19	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV14-6F-C			0.03	0.170	#6	0.84	0.28	0.19		100	500
PV14-8F-C			0.03	0.170	#8	0.90	0.31	0.23		100	500
PV14-10FN-C*			0.03	0.170	#10	0.92	0.31	0.24		100	500
PV14-10F-C			0.03	0.170	#10	0.92	0.34	0.24		100	500
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‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PV10-8F-L			0.04	0.225	#8	1.04	0.37	0.25		50	500
PV10-10F-L			0.04	0.225	#10	1.04	0.37	0.25		50	500
PV10-14F-L			0.04	0.225	1/4"	1.14	0.49	0.32		50	500

*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 pages D1.83, D1.84, D1.86 and D1.88.

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



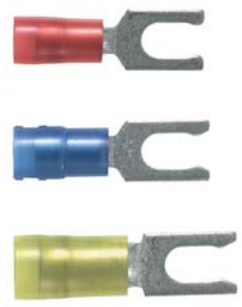
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-6FX-CY	22 – 18 AWG	Red	0.03	0.170	#6	0.83	0.30	0.21	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV18-8FX-CY			0.03	0.170	#8	0.89	0.32	0.25		100	500
PV18-10FX-CY			0.03	0.170	#10	0.91	0.35	0.25		100	500
PV14-6FX-C	18 – 14 AWG	Blue	0.03	0.200	#6	0.89	0.28	0.16	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV14-8FX-C			0.03	0.200	#8	0.96	0.31	0.20		100	500
PV14-10FX-C			0.03	0.200	#10	0.97	0.34	0.22		100	500
PV10-8FX-L	12 – 10 AWG	Yellow	0.04	0.250	#8	1.11	0.37	0.24	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PV10-10FX-L			0.04	0.250	#10	1.11	0.37	0.24		50	500
PV10-14FX-L			0.04	0.250	1/4"	1.22	0.50	0.32		50	500

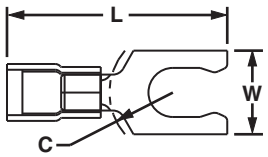
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

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 94V-2/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‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PN18-6LFW-C			0.03	0.145	#6	0.85	0.29	0.22		100	500
PN18-8LF-C			0.03	0.145	#8	0.89	0.29	0.25		100	500
PN18-10LF-C			0.03	0.145	#10	0.89	0.33	0.25		100	500
PN18-10LFN-C*			0.03	0.145	#10	0.91	0.29	0.25		100	500
PN14-6LF-C	18 – 14 AWG	Blue	0.03	0.162	#6	0.86	0.25	0.22	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PN14-6LFW-C			0.03	0.162	#6	0.84	0.29	0.22		100	500
PN14-8LF-C			0.03	0.162	#8	0.92	0.29	0.25		100	500
PN14-10LF-C			0.03	0.162	#10	0.91	0.33	0.25		100	500
PN14-10LFN-C*			0.03	0.162	#10	0.91	0.28	0.25		100	500
PN10-6LF-L	12 – 10 AWG	Yellow	0.04	0.225	#6	1.02	0.30	0.23	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PN10-8LF-L			0.04	0.225	#8	1.05	0.30	0.23		50	500
PN10-10LF-L			0.04	0.225	#10	1.05	0.34	0.23		50	500
PN10-14LF-L			0.04	0.225	1/4"	1.17	0.46	0.32		50	500

*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 pages D1.83, D1.84, D1.86 and D1.88.

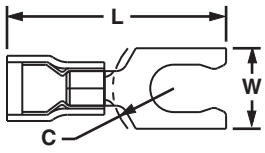
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Locking Fork Terminal, Nylon Insulated – Funnel Entry

LISTED CERTIFIED

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 94V-2/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‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PNF18-6LFW-C			0.03	0.145	#6	0.85	0.29	0.20		100	500
PNF18-8LF-C			0.03	0.145	#8	0.89	0.29	0.26		100	500
PNF18-10LF-C			0.03	0.145	#10	0.89	0.33	0.25		100	500
PNF14-6LF-C	18 – 14 AWG	Blue	0.03	0.162	#6	0.87	0.25	0.20	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PNF14-6LFW-C			0.03	0.162	#6	0.84	0.29	0.20		100	500
PNF14-8LF-C			0.03	0.162	#8	0.93	0.29	0.25		100	500
PNF14-10LF-C			0.03	0.162	#10	0.93	0.33	0.25		100	500
PNF10-6LF-L	12 – 10 AWG	Yellow	0.04	0.225	#6	1.02	0.30	0.20	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PNF10-8LF-L			0.04	0.225	#8	1.05	0.30	0.20		50	500
PNF10-10LF-L			0.04	0.225	#10	1.05	0.34	0.22		50	500
PNF10-14LF-L			0.04	0.225	1/4"	1.19	0.46	0.33		50	500

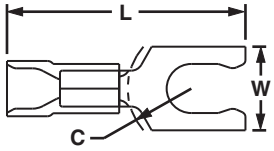
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

Locking Fork Terminal, Vinyl Insulated – Funnel Entry

LISTED CERTIFIED

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



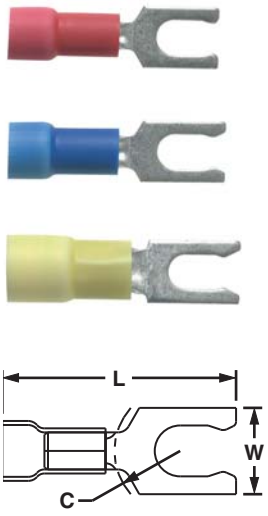
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-6LF-CY	22 – 18 AWG	Red	0.03	0.150	#6	0.90	0.27	0.22	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV18-6LFW-CY			0.03	0.150	#6	0.90	0.29	0.22		100	500
PV18-8LF-CY			0.03	0.150	#8	0.97	0.29	0.25		100	500
PV18-10LF-CY			0.03	0.150	#10	0.97	0.33	0.25		100	500
PV18-10LFN-CY*			0.03	0.150	#10	0.97	0.29	0.25		100	500
PV14-6LF-C	18 – 14 AWG	Blue	0.03	0.170	#6	0.90	0.25	0.22	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV14-6LFW-C			0.03	0.170	#6	0.90	0.29	0.22		100	500
PV14-8LF-C			0.03	0.170	#8	0.97	0.29	0.25		100	500
PV14-10LF-C			0.03	0.170	#10	0.97	0.33	0.25		100	500
PV14-10LFN-C*			0.03	0.170	#10	0.97	0.29	0.25		100	500
PV10-6LF-L	12 – 10 AWG	Yellow	0.04	0.225	#6	1.03	0.30	0.23	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PV10-8LF-L			0.04	0.225	#8	1.05	0.30	0.23		50	500
PV10-10LF-L			0.04	0.225	#10	1.04	0.34	0.23		50	500
PV10-14LF-L			0.04	0.225	1/4"	1.19	0.46	0.36		50	500

*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 pages D1.83, D1.84, D1.86 and D1.88.

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



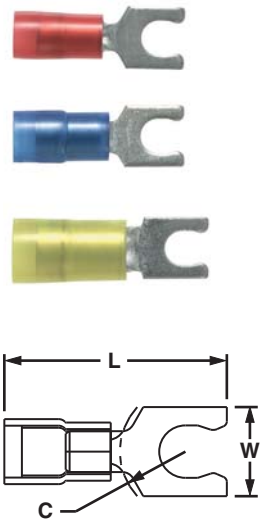
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-6LFX-CY	22 – 16 AWG	Red	0.03	0.170	#6	0.95	0.27	0.20	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV18-8LFX-CY			0.03	0.170	#8	1.01	0.29	0.20		100	500
PV18-10LFX-CY			0.03	0.170	#10	1.04	0.33	0.23		100	500
PV14-6LFX-C	18 – 14 AWG	Blue	0.03	0.200	#6	0.95	0.25	0.20	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV14-8LFX-C			0.03	0.200	#8	1.01	0.29	0.23		100	500
PV14-10LFX-C			0.03	0.200	#10	1.01	0.33	0.23		100	500
PV10-6LFX-L	12 – 10 AWG	Yellow	0.04	0.250	#6	1.09	0.30	0.23	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500
PV10-8LFX-L			0.04	0.250	#8	1.12	0.30	0.23		50	500
PV10-10LFX-L			0.04	0.250	#10	1.12	0.34	0.23		50	500
PV10-14LFX-L			0.04	0.250	1/4"	1.25	0.46	0.32		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 pages D1.83, D1.84, D1.86 and D1.88.

Short Locking Fork Terminal, Nylon Insulated

Type PN-SLF

- Locks in place for a secure connection in limited spaces
- 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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



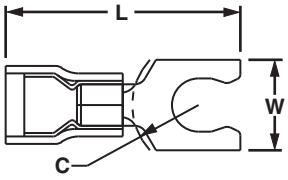
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN18-5SLF-C	22 – 18 AWG	Red	0.03	0.145	#5	0.75	0.26	0.19	CT-1550, CT-1551, CT-2500	100	500
PN18-6SLF-C			0.03	0.145	#6	0.75	0.27	0.19		100	500
PN18-8SLF-C			0.03	0.145	#8	0.80	0.29	0.23		100	500
PN18-10SLF-C			0.03	0.145	#10	0.81	0.33	0.23		100	500
PN14-5SLF-C	16 – 14 AWG	Blue	0.03	0.162	#5	0.75	0.25	0.19	CT-1550, CT-1551, CT-2500	100	500
PN14-6SLF-C			0.03	0.162	#6	0.75	0.25	0.19		100	500
PN14-8SLF-C			0.03	0.162	#8	0.80	0.29	0.23		100	500
PN14-10SLF-C			0.03	0.162	#10	0.81	0.33	0.23		100	500
PN14-14SLF-C			0.03	0.162	1/4"	0.90	0.44	0.28		100	500
PN10-5SLF-L	12 – 10 AWG	Yellow	0.04	0.225	#5	0.86	0.25	0.22	CT-1550, CT-1551, CT-2500	50	500
PN10-6SLF-L			0.04	0.225	#6	0.86	0.25	0.22		50	500
PN10-8SLF-L			0.04	0.225	#8	0.92	0.29	0.26		50	500
PN10-10SLF-L			0.04	0.225	#10	0.92	0.33	0.26		50	500
PN10-14SLF-L			0.04	0.225	1/4"	1.01	0.45	0.33		50	500

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see pages D1.84 and D1.88.

Short Locking Fork Terminal, Nylon Insulated – Funnel Entry

Type PNF-SLF

- Locks in place for a secure connection in limited spaces
- 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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



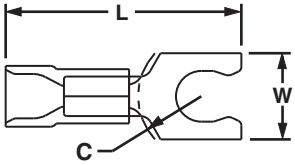
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PNF18-5SLF-C	22 – 18 AWG	Red	0.03	0.145	#5	0.75	0.26	0.19	CT-1550, CT-1551, CT-2500	100	500
PNF18-6SLF-C			0.03	0.145	#6	0.75	0.27	0.19		100	500
PNF18-8SLF-C			0.03	0.145	#8	0.80	0.29	0.23		100	500
PNF18-10SLF-C			0.03	0.145	#10	0.81	0.33	0.23		100	500
PNF14-5SLF-C	16 – 14 AWG	Blue	0.03	0.162	#5	0.75	0.25	0.19	CT-1550, CT-1551, CT-2500	100	500
PNF14-6SLF-C			0.03	0.162	#6	0.75	0.25	0.19		100	500
PNF14-8SLF-C			0.03	0.162	#8	0.82	0.29	0.23		100	500
PNF14-10SLF-C			0.03	0.162	#10	0.81	0.33	0.23		100	500
PNF14-14SLF-C			0.03	0.162	1/4"	0.91	0.44	0.28		100	500
PNF10-6SLF-L	12 – 10 AWG	Yellow	0.04	0.225	#6	0.91	0.25	0.17	CT-1550, CT-1551, CT-2500	50	500
PNF10-8SLF-L			0.04	0.225	#8	0.92	0.29	0.22		50	500
PNF10-10SLF-L			0.04	0.225	#10	0.93	0.33	0.22		50	500
PNF10-14SLF-L			0.04	0.225	1/4"	1.02	0.45	0.28		50	500

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see pages D1.84 and D1.88.

Short Locking Fork Terminal, Vinyl Insulated – Funnel Entry

Type PV-SLF

- Locks in place for a secure connection in limited spaces
- 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



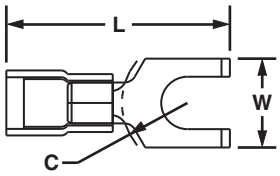
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-5SLF-CY^	22 – 18 AWG	Red	0.03	0.150	#5	0.82	0.26	0.19	CT-1550, CT-1551, CT-2500	100	500
PV18-6SLF-CY^			0.03	0.150	#6	0.82	0.27	0.19		100	500
PV18-8SLF-CY^			0.03	0.150	#8	0.87	0.29	0.23		100	500
PV18-10SLF-CY^			0.03	0.150	#10	0.88	0.33	0.23		100	500
PV14-5SLF-C*	16 – 14 AWG	Blue	0.03	0.175	#5	0.80	0.25	0.22	CT-1550, CT-1551, CT-2500	100	1000
PV14-6SLF-C*			0.03	0.175	#6	0.80	0.25	0.22		100	1000
PV14-8SLF-C*			0.03	0.175	#8	0.85	0.29	0.26		100	1000
PV14-10SLF-C*			0.03	0.175	#10	0.86	0.33	0.26		100	1000
PV14-14SLF-C*			0.03	0.175	1/4"	0.95	0.44	0.33		100	1000
PV10-5SLF-L	12 – 10 AWG	Yellow	0.04	0.225	#5	0.86	0.25	0.22	CT-1550, CT-1551, CT-2500	50	500
PV10-6SLF-L			0.04	0.225	#6	0.87	0.25	0.22		50	500
PV10-8SLF-L			0.04	0.225	#8	0.92	0.29	0.26		50	500
PV10-10SLF-L			0.04	0.225	#10	0.92	0.33	0.26		50	500
PV10-14SLF-L			0.04	0.225	1/4"	1.02	0.45	0.33		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 pages D1.84 and D1.88.
^CSA Certified only.

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



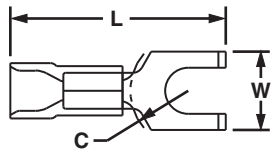
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN18-6FF-C	22 – 16 AWG	Red	0.03	0.136	#6	0.81	0.28	0.20	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PN18-8FF-C			0.03	0.136	#8	0.88	0.31	0.23		100	500
PN18-10FF-C			0.03	0.136	#10	0.86	0.35	0.23		100	500
PN14-6FF-C	18 – 14 AWG	Blue	0.03	0.162	#6	0.79	0.28	0.20		100	500
PN14-8FF-C			0.03	0.162	#8	0.86	0.31	0.23		100	500
PN14-10FF-C			0.03	0.162	#10	0.86	0.36	0.23		100	500
PN10-8FF-L	12 – 10 AWG	Yellow	0.04	0.225	#8	1.05	0.37	0.28		50	500
PN10-10FF-L			0.04	0.225	#10	1.05	0.37	0.28		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 pages D1.83, D1.84, D1.86 and D1.88.

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	0.150	#6	0.87	0.28	0.19	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	500
PV18-8FF-CY			0.03	0.150	#8	0.94	0.31	0.23		100	500
PV18-10FF-CY			0.03	0.150	#10	0.93	0.35	0.23		100	500
PV14-6FF-C	16 – 14 AWG	Blue	0.03	0.165	#6	0.88	0.28	0.19		100	500
PV14-8FF-C			0.03	0.165	#8	0.94	0.31	0.23		100	500
PV14-10FF-C			0.03	0.165	#10	0.94	0.35	0.23		100	500
PV10-8FF-L	14 – 10 AWG	Yellow	0.04	0.225	#8	1.03	0.37	0.22		50	500
PV10-10FF-L			0.04	0.225	#10	1.03	0.37	0.22		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 pages D1.83, D1.84, D1.86 and D1.88.

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

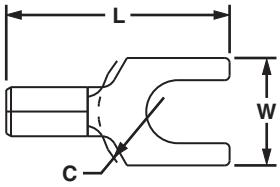
Prime items appear in **BOLD**.

Fork Terminal, Non-Insulated

LISTED CERTIFIED

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



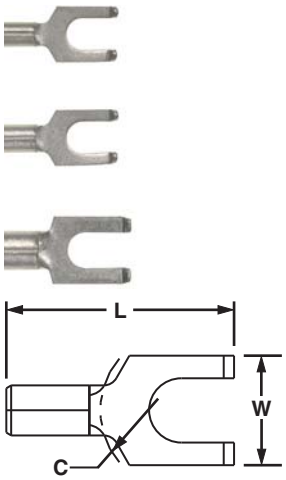
Part Number	Wire Range	Stock Thickness (In.)	Stud Size	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W	C			
P22-2F-C*	26 – 22 AWG	0.02	#2	0.49	0.19	0.19	CT-200	100	1000
P22-4F-C*		0.02	#4	0.49	0.20	0.19		100	1000
P22-6F-C*		0.02	#6	0.59	0.25	0.26		100	1000
P18-6FN-C*	22 – 16 AWG	0.03	#6	0.63	0.24	0.19	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-2500‡	100	1000
P18-6F-C		0.03	#6	0.63	0.30	0.21		100	1000
P18-8F-C		0.03	#8	0.69	0.32	0.25		100	1000
P18-10FN-C*		0.03	#10	0.71	0.31	0.25		100	1000
P18-10F-C		0.03	#10	0.71	0.35	0.25		100	1000
P18-14F-C		0.03	1/4"	0.88	0.44	0.33		100	1000
P14-6FN-C	18 – 14 AWG	0.03	#6	0.63	0.24	0.20	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-2500‡	100	1000
P14-6F-C		0.03	#6	0.63	0.28	0.20		100	1000
P14-8F-C		0.03	#8	0.69	0.31	0.23		100	1000
P14-10FN-C		0.03	#10	0.71	0.31	0.25		100	1000
P14-10F-C		0.03	#10	0.71	0.34	0.25		100	1000
P14-14F-C		0.03	1/4"	0.88	0.44	0.33		100	1000
P10-6F-L	12 – 10 AWG	0.04	#6	0.75	0.31	0.22	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-1701‡, CT-2500‡	50	500
P10-8F-L		0.04	#8	0.78	0.37	0.22		50	500
P10-10F-L		0.04	#10	0.78	0.37	0.23		50	500
P10-14F-L		0.04	1/4"	0.89	0.50	0.30		50	500

*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 pages D1.83, D1.84, D1.86 and D1.88.

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



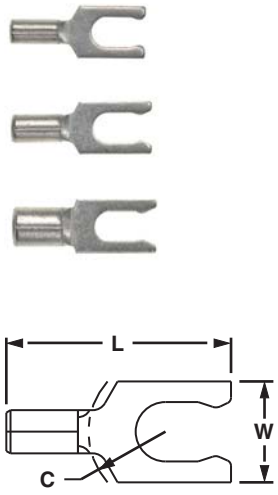
Part Number	Wire Range	Stock Thickness (In.)	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P18-8FF-C	22 – 16 AWG	0.03	#8	0.72	0.31	0.25	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-2500‡	100	500
P14-6FF-C	16 – 14 AWG	0.03	#6	0.65	0.28	0.22		100	500
P14-8FF-C		0.03	#8	0.72	0.31	0.25		100	500
P10-10FF-L	12 – 10 AWG	0.04	#10	0.80	0.38	0.28	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-1701‡, CT-2500‡	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 pages D1.83, D1.84, D1.86 and D1.88.

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‡, CT-600-A‡, CT-1570‡, CT-2500‡	100	500
P18-6LFW-C		0.03	#6	0.70	0.29	0.22		100	500
P18-8LF-C		0.03	#8	0.74	0.29	0.23		100	500
P18-10LFN-C*		0.03	#10	0.74	0.28	0.23		100	500
P18-10LF-C		0.03	#10	0.74	0.33	0.23		100	500
P14-6LF-C	18 – 14 AWG	0.03	#6	0.70	0.25	0.22	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-2500‡	100	500
P14-6LFW-C		0.03	#6	0.70	0.29	0.22		100	500
P14-8LF-C		0.03	#8	0.77	0.29	0.27		100	500
P14-10LFN-C*		0.03	#10	0.77	0.29	0.27		100	500
P14-10LF-C		0.03	#10	0.77	0.33	0.27		100	500
P10-6LF-L	14 – 10 AWG	0.04	#6	0.77	0.30	0.23	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-1701‡, CT-2500‡	50	500
P10-8LF-L		0.04	#8	0.79	0.30	0.23		50	500
P10-10LF-L		0.04	#10	0.79	0.34	0.23		50	500
P10-14LF-L		0.04	1/4"	0.92	0.46	0.33		50	500

*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 pages D1.83, D1.84, D1.86 and D1.88.

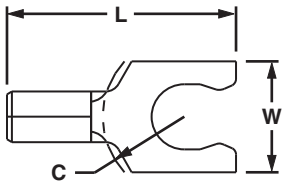
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Short Locking Fork Terminal, Non-Insulated

LISTED CERTIFIED

Type P-SLF

- Locks in place for a secure connection in limited spaces
- 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			
P18-6SLF-C	22 – 16 AWG	0.03	#6	0.51	0.27	0.22	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-2500‡	100	1000
P18-8SLF-C		0.03	#8	0.56	0.29	0.25		100	1000
P18-10SLF-C		0.03	#10	0.57	0.33	0.25		100	1000
P14-6SLF-C	16 – 14 AWG	0.03	#6	0.51	0.25	0.22	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-2500‡	100	1000
P14-8SLF-C		0.03	#8	0.56	0.29	0.25		100	1000
P14-10SLF-C		0.03	#10	0.57	0.33	0.25		100	1000
P14-14SLF-C		0.03	1/4"	0.66	0.44	0.35		100	1000
P10-5SLF-L	14 – 10 AWG	0.04	#5	0.60	0.25	0.19	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-1701‡, CT-2500‡	50	500
P10-8SLF-L		0.04	#8	0.66	0.29	0.23		50	500
P10-10SLF-L		0.04	#10	0.67	0.33	0.23		50	500
P10-14SLF-L		0.04	1/4"	0.76	0.45	0.28		50	500

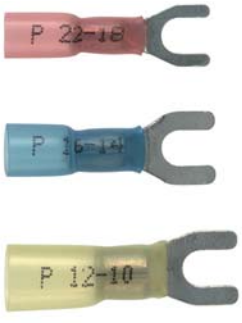
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

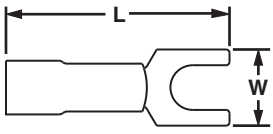
Heat Shrink, Fork Terminal

LISTED CERTIFIED

Type PH-F

- Heat shrink sleeving forms a protective barrier to provide environmentally sealed terminations ideal for high moisture applications
- Fork design provides for fast and easy installation, without the need to remove fastener
- Brazed seam protects terminal barrel from splitting during the crimp process
- 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 486A/B





Part Number	Wire Range	Color Code	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.)		Wire Strip Length	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
					L	W				
PH18-6F-Q	22 – 18 AWG	Red	0.170	#6	1.04	0.32	5/16	CT-310	25	125
PH18-8F-Q			0.170	#8	1.04	0.32	5/16		25	125
PH18-10F-Q			0.170	#10	1.04	0.32	5/16		25	125
PH14-6F-Q	16 – 14 AWG	Blue	0.190	#6	1.07	0.38	5/16	CT-310	25	125
PH14-8F-Q			0.190	#8	1.07	0.38	5/16		25	125
PH14-10F-Q			0.190	#10	1.07	0.38	5/16		25	125
PH10-8F-E	12 – 10 AWG	Yellow	0.240	#8	1.20	0.38	5/16	CT-310	20	100
PH10-10F-E			0.240	#10	1.20	0.38	5/16		20	100

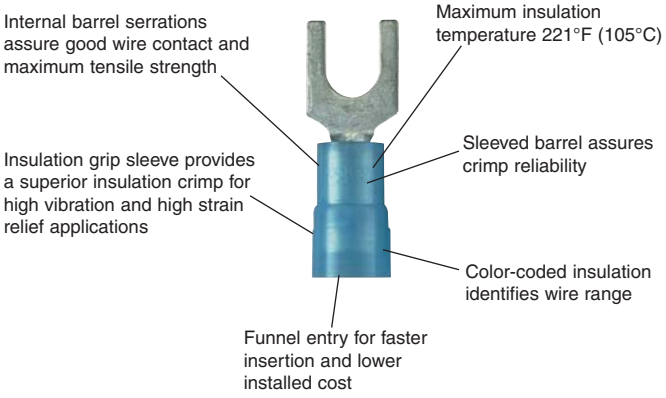
For crimping tool information, see page D1.85.

Features and Benefits – Pan-Term® Metric Terminals

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

Nylon Insulated Terminals with Insulation Grip Sleeve

Type PMN or PMNF



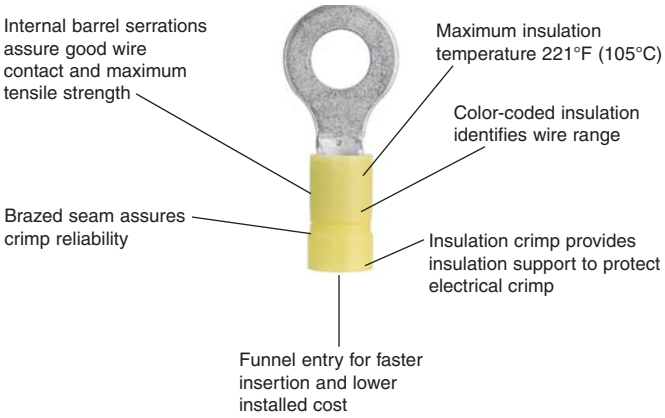
Rated up to 600 V.

Flammability – UL 94V-2/HB

Proprietary blend of UL 94V-2 and UL 94HB flammability related materials.

Vinyl Insulated Terminals with Insulation Support

Type PMV

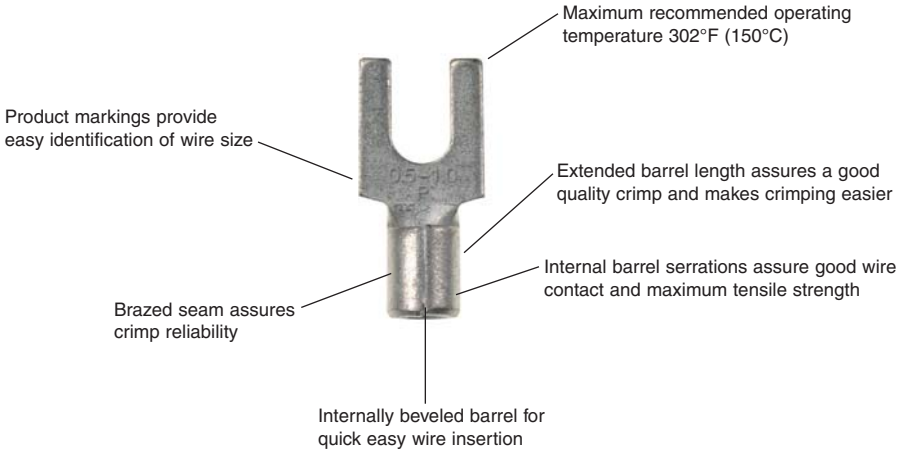


Rated up to 600 V.

Flammability – UL 94V-0.

Non-Insulated Terminals

Type PM



Rated up to 2000 V.

Panduit extensive line of tooling is specifically designed for optimum crimping performance.

See pages D1.83 – D1.89.

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

See pages E1.1 – E2.28.

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

Prime items appear in **BOLD**.

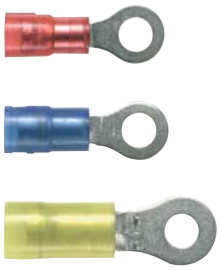
Part Number System for Pan-Term® Metric Terminals

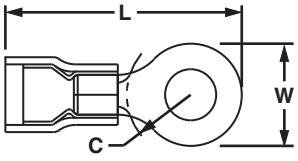
PM	V	1	—	3	R	B	—	C
Type	**Insulation**	**Wire Range**		**Stud Size**	**Tongue Configuration**	**Special Configuration**		**Std. Pkg. Size**
PM = Pan-Term® Metric	N = Nylon NF = Nylon Funnel V = Vinyl	1 = 0.5 – 1.0mm² (22 – 18 AWG) 2 = 1.5 – 2.5mm² (16 – 14 AWG) 6 = 4.0 – 6.0mm² (12 – 10 AWG)		3 = M3 (#6) 4 = M4 (#8) 5 = M5 (#10) 6 = M6 (1/4) 8 = M8 (5/16)	R = Ring F = Fork	B = Butted Seam		X = 10 E = 20 Q = 25 L = 50 C = 100

Metric Ring Terminal, Nylon Insulated – Funnel Entry

Type PMNF-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
- Maximum insulation temperature 221°F (105°C)
- Rated up to 600 V





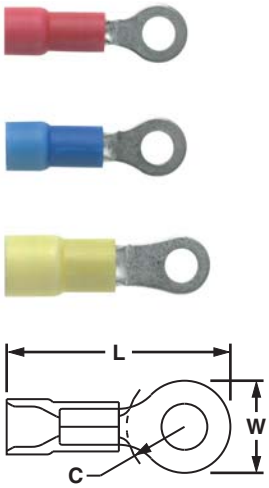
Part Number	Wire Range (mm²)	Color Code	Max. Ins. (mm)	Stud Size	Figure Dimensions (mm) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
PMNF1-3R-C	0.5 – 1.0	Red	3.76	M3	19.3	5.8	5.3	CT-1550, CT-2500	100	500
PMNF1-4R-C			3.76	M4	21.6	7.9	6.4		100	500
PMNF1-5R-C			3.76	M5	21.8	8.9	6.4		100	500
PMNF1-6R-C			3.76	M6	26.7	10.9	9.7		100	500
PMNF2-3R-C	1.5 – 2.5	Blue	4.11	M3	19.4	5.9	4.8	CT-1550, CT-2500	100	500
PMNF2-4R-C			4.11	M4	21.8	7.9	7.4		100	500
PMNF2-5R-C			4.11	M5	22.4	8.9	7.4		100	500
PMNF2-6R-L			4.11	M6	26.5	10.9	10.7		50	500
PMNF6-3R-L	4.0 – 6.0	Yellow	5.94	M3	26.7	5.8	9.1	CT-1550, CT-2500	50	250
PMNF6-4R-L			5.94	M4	27.4	7.9	9.1		50	250
PMNF6-5R-L			5.94	M5	27.4	9.7	9.1		50	250
PMNF6-6R-L			5.94	M6	30.2	10.9	10.9		50	250
PMNF6-8R-L			5.94	M8	31.5	13.2	10.9		50	250

For crimping tool information, see pages D1.84 and D1.88.

Metric Ring Terminal, Vinyl Insulated – Funnel Entry

Type PMV-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
- Maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



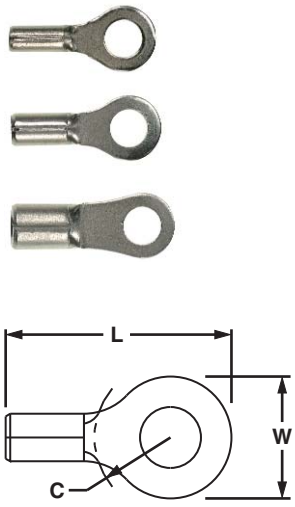
Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Stud Size	Figure Dimensions (mm) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
PMV1-3RB-CY	0.5 – 1.0	Red	4.01	M3	20.8	5.8	5.6	CT-1550, CT-2500	100	500
PMV1-4RB-CY			4.01	M4	23.1	7.9	7.4		100	500
PMV1-5RB-CY			4.01	M5	23.1	8.9	7.4		100	500
PMV1-6RB-CY			4.01	M6	28.2	10.9	10.7		100	500
PMV2-3RB-C	1.5 – 2.5	Blue	4.70	M3	20.5	5.8	6.4	CT-1550, CT-2500	100	500
PMV2-4RB-C			4.70	M4	23.1	7.9	6.4		100	500
PMV2-5RB-C			4.70	M5	23.8	8.9	6.4		100	500
PMV2-6RB-C			4.70	M6	25.7	10.9	9.7		100	500
PMV6-3R-L	4.0 – 6.0	Yellow	6.10	M3	26.1	5.8	7.9	CT-1550, CT-2500	50	250
PMV6-4R-L			6.10	M4	26.5	7.9	7.9		50	250
PMV6-5R-L			6.10	M5	27.1	9.5	7.9		50	250
PMV6-6R-L			6.10	M6	30.3	10.9	9.7		50	250
PMV6-8R-L			6.10	M8	31.4	13.2	9.7		50	250

For crimping tool information, see page D1.84 and D1.88.

Metric Ring Terminal, Non-Insulated

Type PM-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)
- Rated up to 2000 V



Part Number	Wire Range (mm^2)	Stud Size	Figure Dimensions (mm) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
PM1-3R-C	0.5 – 1.5	M3	15.8	5.8	5.6	CT-1570, CT-2500	100	500
PM1-4R-C		M4	18.0	7.9	7.4		100	500
PM1-5R-C		M5	18.0	8.9	7.4		100	500
PM2-3R-C	1.0 – 2.5	M3	15.8	5.8	5.6	CT-1570, CT-2500	100	500
PM2-4R-C		M4	18.0	7.9	7.4		100	500
PM2-5R-C		M5	18.0	8.9	7.4		100	500
PM6-3R-L	2.5 – 6.0	M3	19.2	5.8	7.9	CT-1570, CT-2500	50	250
PM6-4R-L		M4	19.8	7.9	7.9		50	250
PM6-5R-L		M5	20.6	9.5	7.9		50	250
PM6-6R-L		M6	23.5	10.9	9.7		50	250
PM6-8R-L		M8	24.7	13.3	9.7		50	250

For crimping tool information, see pages D1.84 and D1.88.

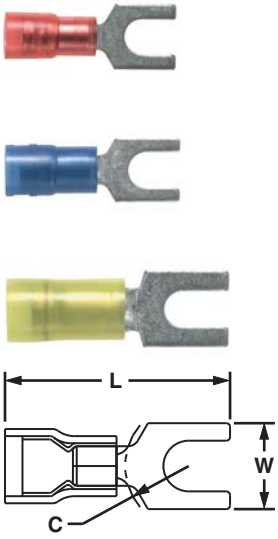
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Metric Fork Terminal, Nylon Insulated – Funnel Entry

Type PMNF-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
- Maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



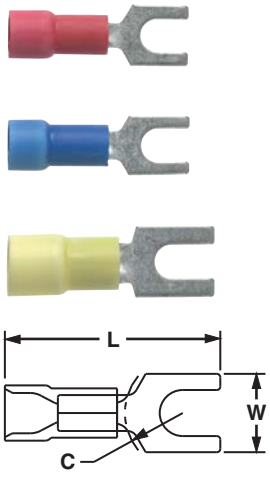
Part Number	Wire Range (mm²)	Color Code	Max. Ins. (mm)	Stud Size	Figure Dimensions (mm) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
PMNF1-3F-C	0.5 – 1.0	Red	3.76	M3	21.1	5.9	5.1	CT-1550, CT-2500	100	500
PMNF1-4F-C			3.76	M4	22.6	8.1	5.8		100	500
PMNF1-5F-C			3.76	M5	22.9	8.9	6.4		100	500
PMNF1-6F-C			3.76	M6	27.4	11.2	8.4		100	500
PMNF2-3F-C	1.5 – 2.5	Blue	4.11	M3	19.8	5.9	5.1	CT-1550, CT-2500	100	500
PMNF2-4F-C			4.11	M4	21.3	7.9	5.9		100	500
PMNF2-5F-C			4.11	M5	21.9	8.6	6.4		100	500
PMNF2-6F-C			4.11	M6	26.2	11.2	8.5		100	500
PMNF6-4F-L	4.0 – 6.0	Yellow	5.94	M4	27.2	7.9	6.2	CT-1550, CT-2500	50	250
PMNF6-5F-L			5.94	M5	26.9	9.5	6.2		50	250
PMNF6-6F-L			5.94	M6	29.0	11.0	8.2		50	250

For crimping tool information, see pages D1.84 and D1.88.

Metric Fork Terminal, Vinyl Insulated – Funnel Entry

Type PMV-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
- Maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



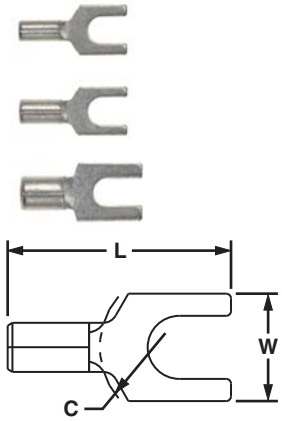
Part Number	Wire Range (mm²)	Color Code	Max. Ins. (mm)	Stud Size	Figure Dimensions (mm) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
PMV1-3FB-CY	0.5 – 1.0	Red	4.01	M3	21.6	5.8	4.8	CT-1550, CT-2500	100	500
PMV1-4FB-CY			4.01	M4	23.1	8.1	5.8		100	500
PMV1-5FB-CY			4.01	M5	23.6	9.1	6.1		100	500
PMV1-6FB-CY			4.01	M6	27.9	11.2	8.1		100	500
PMV2-3FB-C	1.5 – 2.5	Blue	4.70	M3	21.3	5.8	4.8	CT-1550, CT-2500	100	500
PMV2-4FB-C			4.70	M4	22.9	7.9	5.8		100	500
PMV2-5FB-C			4.70	M5	23.4	8.6	6.1		100	500
PMV2-6FB-C			4.70	M6	27.7	11.2	8.1		100	500
PMV6-4F-L	2.5 – 6.0	Yellow	6.10	M4	26.4	8.1	5.6	CT-1550, CT-2500	50	250
PMV6-5F-L			6.10	M5	26.4	9.7	5.6		50	250
PMV6-6F-L			6.10	M6	29.5	10.9	8.1		50	250

For crimping tool information, see pages D1.84 and D1.88.

Metric Fork Terminal, Non-Insulated

Type PM-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)
- Rated up to 2000 V



Part Number	Wire Range (mm²)	Stud Size	Figure Dimensions (mm)			Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
			L	W	C			
PM1-3F-C	0.5 – 1.5	M3	16.0	5.8	5.6	CT-1570, CT-2500	100	500
PM1-4F-C		M4	17.5	8.1	6.4		100	500
PM1-5F-C		M5	18.0	8.8	6.6		100	500
PM2-3F-C	1.0 – 2.5	M3	16.0	5.8	5.6	CT-1570, CT-2500	100	500
PM2-4F-C		M4	17.5	7.9	6.4		100	500
PM2-5F-C		M5	18.0	8.6	6.9		100	500
PM6-5F-L	4.0 – 6.0	M5	19.4	9.5	7.1	CT-1570, CT-2500	50	250
PM6-6F-L		M6	22.6	10.9	8.6		50	250

For crimping tool information, see pages D1.84 and D1.88.

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.	1
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.	1
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.	1

NEW! Fabric Terminal Kit

- Versatile fabric kit stores up to five standard packs of terminals
- Kit includes pocket for storage of an installation tool or cable ties
- Zipper closure prevents accidental opening
- Kit features a hanging tab for storage

Terminal parts sold separately

Part Number	Part Description	Std. Pkg. Qty.
KF-1005	Empty fabric kit, 5 terminal compartments and one tool compartment, measures 5 1/2" wide x 2 1/2" deep x 11 1/2" high.	1

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

Prime items appear in **BOLD**.

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, 15 terminal compartments and two tool compartments, box dimensions: 2.00"H x 13.33"W x 9.33"D (50.8mm x 338.6mm x 237.0mm).	1
K-1100	Steel box and CT-100A crimping tool.	1
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.	1
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.	1
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.	1

Steel Slide Racks

- Steel boxes for cable tie kits and K-1000 terminal kits
- Steel boxes, storage slide racks, and base can be combined for neat and organized storage of cable ties and terminals
- Rugged and durable steel construction
- Empty boxes, full kits, slide racks and base 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)	1
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)	1

Slide racks will accommodate the following Panduit kits:	
K-1000	K-1103Y
K-1001	K-1104
K-1100	K1-PNKIT
K-1102Y	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-260 installation tool Cable Ties (100) PLT2S cable ties Terminals (100) PN14-610R multi-stud terminals (100) PN18-610R multi-stud 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) 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	1
K2-PVKITY	Kit contains: (1) K-1001 steel kit box (1) CT-260 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) PV18-610R multi-stud 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) JN314-412 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	1

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

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

Prime items appear in **BOLD**.

PAN-TERM® 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.

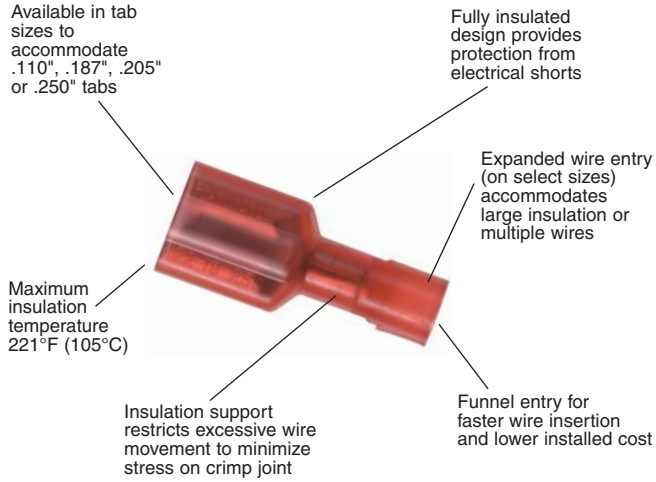
- **Fully insulated design provides excellent protection from electrical shorts and provides additional installer protection for safety from electrical shocks**
- **Funnel entry speeds insertion and minimizes turned back wire strands**
- **Integrated metal insulation grip provides double crimp insulation grip for high vibration or conductor strain environments on select Supra-Grip™ Disconnects and Disco-Lok™ 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

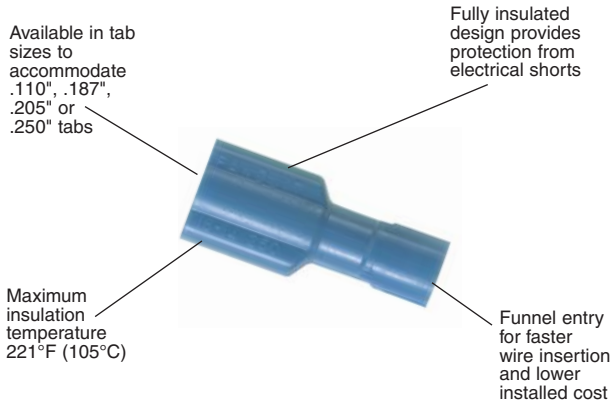
Pan-Term® Disconnects are fabricated from brass and are electro tin-plated for a long, corrosion resistant operating life.

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



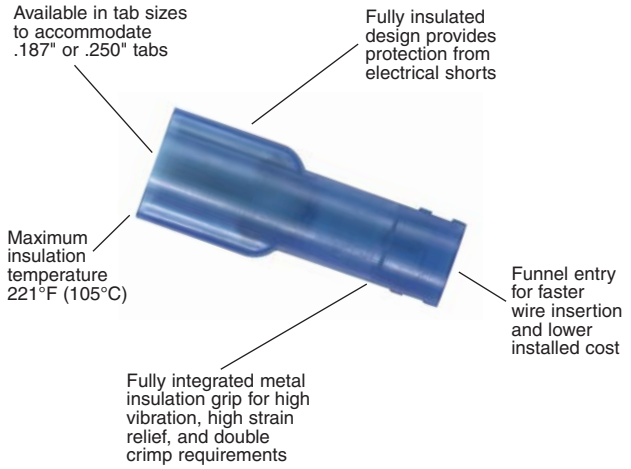
UL and CSA rated up to 600 V per UL 310.
Flammability – UL 94V-2/HB.

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



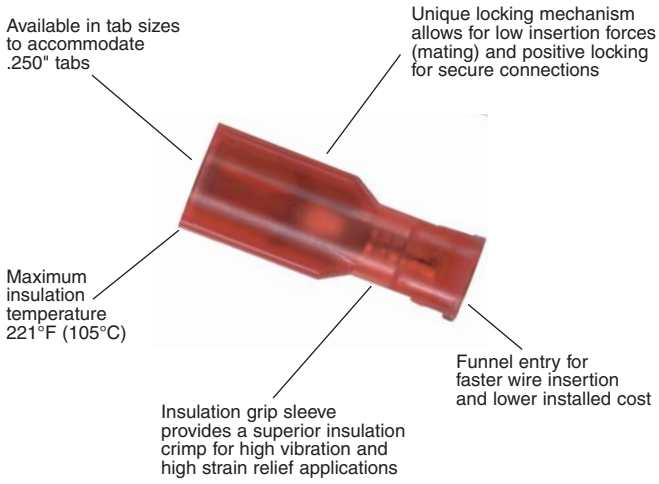
UL and CSA rated up to 600 V per UL 310.
Flammability – UL 94V-2.
Male products available .250" width in standard and oversized housing configurations.

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



UL and CSA rated up to 600 V per UL 310.
Flammability – UL 94V-2/HB.

Disco-Lok™ Nylon Fully Insulated Locking Female Disconnects Type DNG-FL



UL and CSA rated up to 300 V per UL 310.
Flammability – UL 94V-2/HB.

Panduit extensive line of tooling is specifically designed for optimum crimping performance.

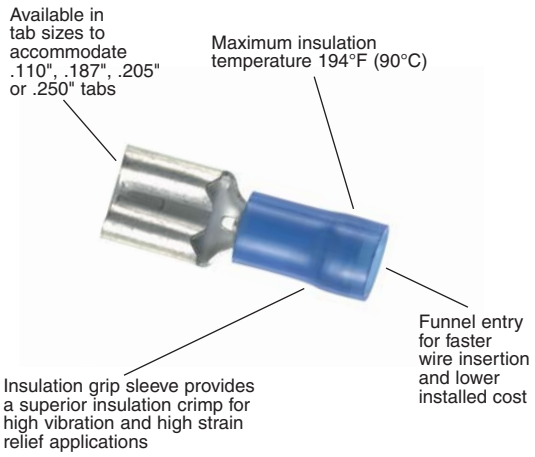
See pages D1.83 – D1.89.

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

See pages E1.1 – E2.28.

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

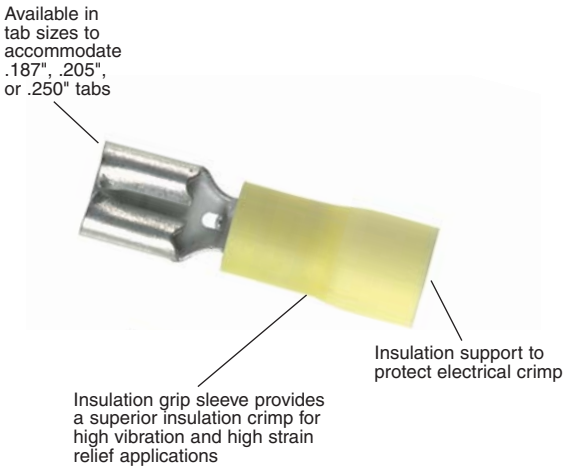
Nylon Barrel Insulated Female Receptacles and Male Tabs Type DNF



LISTED CERTIFIED

UL and CSA rated up to 300 V per UL 310.
Flammability – UL 94V-2/HB.
Male products available .250" width.

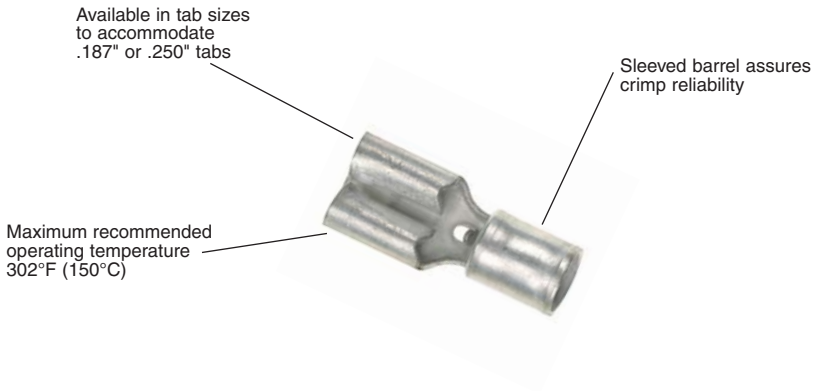
Vinyl Barrel Insulated Female Receptacles and Male Tabs Type DV and DVF



LISTED CERTIFIED

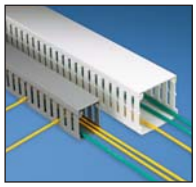
UL and CSA rated up to 300 V per UL 310.
Male products available .250" width.
Flammability – UL 94V-0.

Non-Insulated Female Receptacles and Male Tabs Type D



LISTED CERTIFIED

UL and CSA rated up to 2000 V per UL 310.
Male products available .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 – C1.52.

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

See pages B1.1 – B1.120.

Selection Guide – Pan-Term® Disconnects

Disconnects

Material	Style	Design	Feature	Type	Page Number
Nylon	Fully Insulated	Female	Funnel Entry, Ins. Grip	DNG-FB	D1.43
		Female	Funnel, Ins. Grip, Locking	DNG-FL	D1.44
		Female	Funnel, Ins. Support, Two-Pc.	DNF-FIB	D1.45
		Female	Funnel, Ins. Support, Three-Pc.	DNF-FI	D1.45
		Female	Funnel Entry, Premium Nylon	DPF-FIB	D1.46
		Male	Funnel, Ins. Support, Two-Pc.	DNF-FIM	D1.44
		Male	Premium Nylon	DPF-FIM	D1.46
		Female Right Angle	Funnel Entry, Ins. Support	DNFR-FIB	D1.49
		Female Right Angle	Funnel Entry, Open Top	DNFR-B	D1.50
	Barrel Insulated	Female	Funnel Entry, Ins. Grip	DNF	D1.47
		Male	Funnel Entry, Ins. Grip	DNF-M	D1.52
Vinyl	Barrel Insulated	Female	Funnel Entry, Ins. Grip, Three-Pc.	DVF	D1.48
		Female	Funnel Entry, Butted Seam, Two-Pc.	DV-B	D1.48
		Male	Funnel Entry, Butted Seam, Two-Pc.	DV-MB	D1.52
		Piggyback	Funnel Entry, Ins. Grip	DV-P	D1.51
Heat Shrink	Fully Insulated	Female	Heat Shrink Insulated	DNH-FIB	D1.47
		Male	Heat Shrink Insulated	DNH-FIM	D1.47
Non-Insulated		Female	Sleeved Barrel	D	D1.49
		Female Right Angle	Sleeved Barrel	DR	D1.50
		Female Right Angle	Butted Seam	DR-B	D1.51
		Male	Butted Seam	D-MB	D1.53
		Adapter	Two Female to One Male	D-A	D1.51

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

Prime items appear in **BOLD**.

Part Number System for Pan-Term® Disconnects

D	NF	—	14	250	FIB	—	M
Type	Insulation		Wire Range	Tab Size	Special Configuration		Standard Package Size

D = Disconnects

Insulation
- 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)

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

Tab Size
- 110 = 0.110 x 0.032
- 111 = 0.110 x 0.020
- 145 = 0.145 x 0.032
- 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

Special Configuration
- 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
- FL = Locking, Metal Insulation Grip, Female
- M = Male
- M B = Butted, Male
- P = Piggyback
- = Female (leave blank)

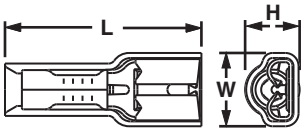
Standard Package Size
- L = 50
- C = 100
- D = 500
- M = 1000

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

LISTED CERTIFIED

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



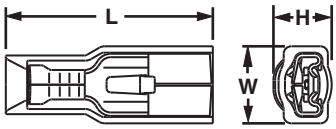
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	H	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNG18-187FB-C	22 – 18 AWG	Red	0.126	0.89	0.29	0.22	0.187 x 0.032	CT-1015	100	1000
DNG18-188FB-C			0.126	0.89	0.29	0.22	0.187 x 0.020		100	1000
DNG18-250FB-L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

*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 page D1.84.

Disco-Lok™ Female Disconnect, Nylon Fully Insulated – Funnel Entry

Type DNG-FL

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Unique locking mechanism design allows for low insertion forces (mating) and positive lock for high vibration applications where a secure connection is mandatory
- Fully insulated design provides protection from electrical shorts
- Flared barrel extension integrated into stamping to provide insulation grip for double crimp requirements
- Insulation housing moves back and forth to engage and disengage locking mechanism for repeated use.
- Specialty tool required to install this disconnect (CT-1014)
- Mates with DNF-FIMB family
- UL Flammability UL 94V-2/HB, maximum insulation temperature 221°F (105°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	H	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNG18-250FL-L	22 – 18 AWG	Red	0.126	0.97	0.36	0.24	0.250 x 0.032	CT-1014	50	250
DNG14-250FL-L	16 – 14 AWG	Blue	0.150	0.97	0.36	0.25	0.250 x 0.032	CT-1014	50	250

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see page D1.84.

Male/Female Coupler, Nylon Fully Insulated – Funnel Entry

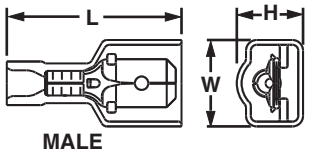
LISTED CERTIFIED

Type DNF

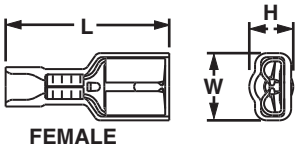
- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Fully insulated design provides protection from electrical shorts
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- Coupler, male, and female parts sold separately
- UL Flammability UL 94V-2/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.) L	W	H	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNF18-250FIM-L Male	22 – 18 AWG	Red	0.133	0.90	0.42	0.27	0.250 x 0.032	CT-100A‡, CT-600-A, CT-1525‡, CT-2500‡	50	250
DNF18-250FIMB-L Male			0.136	0.91	0.45	0.34	0.250 x 0.032		50	500
DNF18-250FIB-C Female			0.136	0.84	0.35	0.22	0.250 x 0.032	CT-100A, CT-600-A, CT-1525‡, CT-2500‡	100	1000
DNF14-250FIM-L Male	16 – 14 AWG	Blue	0.158	0.90	0.42	0.27	0.250 x 0.032	CT-600-A, CT-1525‡, CT-2500‡	50	250
DNF14-250FIMB-Q Male			0.160	0.91	0.45	0.34	0.250 x 0.032		25	125
DNF14-250FIB-C Female			0.160	0.84	0.35	0.22	0.250 x 0.032	CT-100A, CT-600-A, CT-1525‡, CT-2500‡	100	1000
DNF10-250FIMB-Q Male	12 – 10 AWG	Yellow	0.220	0.96	0.45	0.36	0.250 x 0.032	CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	25	125
DNF10-250FI-L Female			0.220	0.95	0.36	0.27	0.250 x 0.032	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	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 pages D1.83, D1.84, D1.86 and D1.88.

Female Disconnect, Nylon Fully Insulated – Funnel Entry

LISTED CERTIFIED

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 94V-2/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.)	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, CT-600-A, CT-1525‡, CT-2500‡	100	1000
DNF18-111FIB-C			0.120	0.71	0.19	0.16	0.110 x 0.020		100	1000
DNF18-187FIB-C			0.136	0.78	0.29	0.16	0.187 x 0.032		100	1000
DNF18-188FIB-C			0.136	0.78	0.29	0.16	0.187 x 0.020		100	1000
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, CT-600-A, CT-1525‡, CT-2500‡	100	1000
DNF14-188FIB-C			0.160	0.78	0.29	0.18	0.187 x 0.020		100	1000
DNF14-205FIB-C			0.160	0.78	0.31	0.22	0.205/0.187 x 0.032		100	1000
DNF14-206FIB-C			0.160	0.78	0.31	0.22	0.205/0.187 x 0.020		100	1000
DNF14-250FIB-C			0.160	0.84	0.35	0.22	0.250 x 0.032		100	1000
DNF10-250FIB-L	12 – 10 AWG	Yellow	0.220	0.96	0.35	0.23	0.250 x 0.032	CT-1525‡, CT-2500‡	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		50	250
DNF18250FIBX-L			0.210	0.93	0.35	0.22	0.250 x 0.032		50	250
DNF14206FIBX-L	16 – 14 AWG	Blue	0.240	0.87	0.31	0.22	0.205/0.187 x 0.020	CT-100A	50	250
DNF14250FIBX-L			0.240	0.93	0.35	0.22	0.250 x 0.032		50	250

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

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

LISTED CERTIFIED

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310

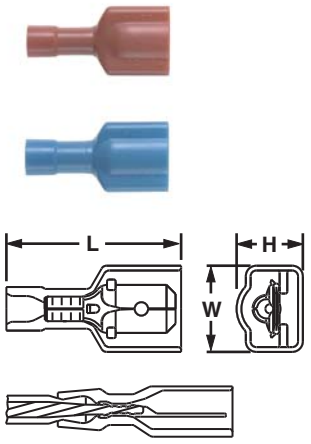
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	H	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNF18-250FI-L	22 – 18 AWG	Red	0.140	0.94	0.36	0.21	0.250 x 0.032	CT-100A, CT-600-A, CT-1550, CT-1551, CT-2500	50	250
DNF14-250FI-L	16 – 14 AWG	Blue	0.160	0.94	0.36	0.24	0.250 x 0.032		50	250
DNF10-250FI-L	12 – 10 AWG	Yellow	0.220	0.95	0.36	0.27	0.250 x 0.032	CT-100A‡, CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	50	500

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combination. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

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
- UL Flammability UL 94V-2, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



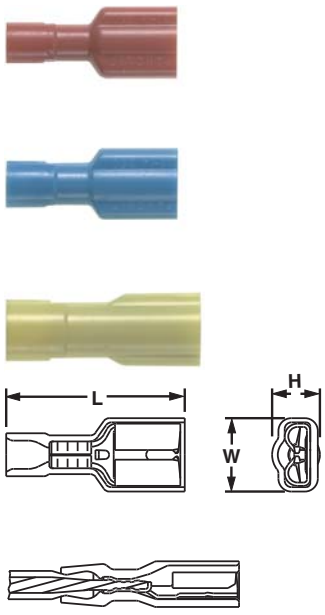
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	H	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DPF18-250FIM-L	22 – 18 AWG	Red	0.133	0.90	0.41	0.29	0.250 x 0.032	CT-600-A, CT-1525, CT-2500	50	250
DPF14-250FIM-L	16 – 14 AWG	Blue	0.156	0.90	0.41	0.29	0.250 x 0.032		50	250
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 .390" wide and .235" (.285" high for parts with orientation bump).
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see pages D1.84, D1.86, and D1.88.

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
- UL Flammability UL 94V-2, 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.)	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	CT-600-A‡, CT-1525‡, CT-2500‡	100	1000
DPF18-111FIB-C			0.132	0.71	0.19	0.16	0.110 x 0.020		100	1000
DPF18-205FIB-C			0.133	0.78	0.31	0.22	0.205/0.187 x 0.032		100	1000
DPF18-206FIB-C			0.133	0.78	0.31	0.22	0.205/0.187 x 0.020		100	1000
DPF18-250FIB-C			0.133	0.84	0.35	0.22	0.250 x 0.032		100	1000
DPF14-205FIB-C	16 – 14 AWG	Blue	0.156	0.78	0.31	0.22	0.205/0.187 x 0.032	CT-600-A‡, CT-1525‡, CT-2500‡	100	1000
DPF14-206FIB-C			0.156	0.78	0.31	0.22	0.205/0.187 x 0.020		100	1000
DPF14-250FIB-C			0.156	0.84	0.35	0.22	0.250 x 0.032		100	1000
DPF10-250FI-L*	12 – 10 AWG	Yellow	0.218	0.95	0.36	0.27	0.250 x 0.032	CT-600-A, CT-1525, CT-2500	50	500
DPF10-250FIB-L			0.220	0.96	0.35	0.23	0.250 x 0.032		50	500

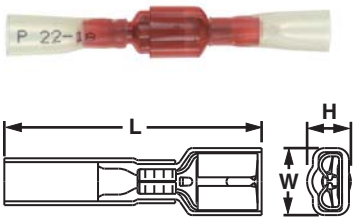
*Not UL listed or CSA approved.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.84, D1.86, and D1.88.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

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



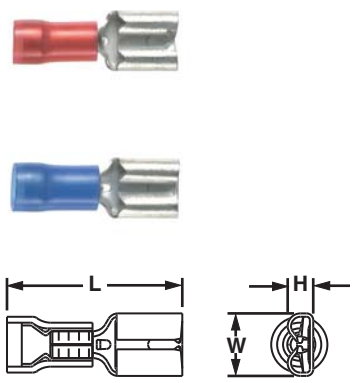
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)			Type	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
				L	W	H					
DNH18-250FIM-Q	22 – 18 AWG	Red	0.133	1.50	0.41	0.31	Male	0.250 x 0.032	CT-310	25	125
DNH18-250FIB-Q			0.132	1.44	0.35	0.22	Female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

For crimping tool information, see page D1.85.

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 94V-2/HB, maximum insulation temperature 194°F (90°C)
- UL and CSA rated up to 300 V per UL 310



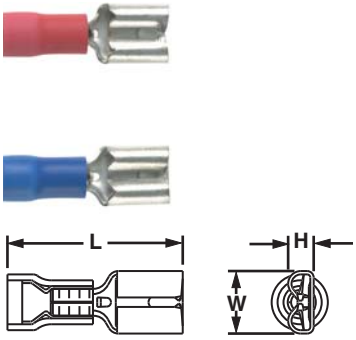
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)			Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W	H				
DNF18-110-C	22 – 18 AWG	Red	0.100	0.69	0.15	0.08	0.110 x 0.032	CT-600-A‡, CT-1525‡, CT-2500‡	100	500
DNF18-111-C			0.100	0.69	0.15	0.07	0.110 x 0.020		100	500
DNF18-187-C			0.137	0.76	0.23	0.10	0.187 x 0.032	CT-600-A‡, CT-1550, CT-1551, CT-2500	100	500
DNF18-188-C			0.137	0.76	0.23	0.10	0.187 x 0.020		100	500
DNF18-205-C			0.137	0.76	0.25	0.12	0.205/0.187 x 0.032		100	500
DNF18-206-C			0.137	0.76	0.25	0.12	0.205/0.187 x 0.020		100	500
DNF18-250-C			0.138	0.81	0.29	0.12	0.250 x 0.032		100	500
DNF14-110-C*	16 – 14 AWG	Blue	0.162	0.75	0.15	0.08	0.110 x 0.032	CT-1525, CT-2500	100	500
DNF14-111-C*			0.162	0.75	0.15	0.07	0.110 x 0.020		100	500
DNF14-187-C			0.162	0.76	0.23	0.10	0.187 x 0.032	CT-600-A‡, CT-1550, CT-1551, CT-2500	100	500
DNF14-188-C			0.162	0.76	0.23	0.10	0.187 x 0.020		100	500
DNF14-205-C			0.162	0.76	0.25	0.12	0.205/0.187 x 0.032		100	500
DNF14-206-C			0.162	0.76	0.25	0.12	0.205/0.187 x 0.020		100	500
DNF14-250-C			0.162	0.83	0.29	0.12	0.250 x 0.032		100	500

*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 pages D1.84, D1.86, and D1.88.

Female Disconnect, Vinyl Barrel Insulated – Funnel Entry

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



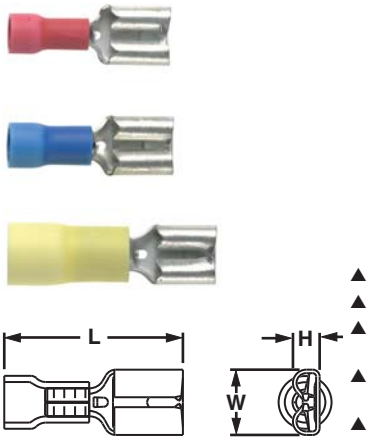
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	H	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DVF18-187-CY	22–18 AWG	Red	0.137	0.76	0.23	0.10	0.187 x 0.032	CT-1550‡, CT-1551‡, CT-2500‡	100	500
DVF18-188-CY			0.137	0.76	0.23	0.10	0.187 x 0.020		100	500
DVF18-205-CY			0.137	0.76	0.25	0.12	0.205/0.187 x 0.032		100	500
DVF18-206-CY			0.137	0.76	0.25	0.12	0.205/0.187 x 0.020		100	500
DVF18-250-CY			0.137	0.81	0.29	0.12	0.250 x 0.032		100	500
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‡	100	500
DVF14-188-C			0.162	0.76	0.23	0.10	0.187 x 0.020		100	500
DVF14-205-C			0.162	0.76	0.25	0.12	0.205/0.187 x 0.032		100	500
DVF14-206-C			0.162	0.76	0.25	0.12	0.205/0.187 x 0.020		100	500
DVF14-250-C			0.162	0.81	0.29	0.12	0.250 x 0.032		100	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 pages D1.84 and D1.88.

Female Disconnect, Vinyl Barrel Insulated – Butted Seam

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	H	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‡	100	500
DV18-188B-CY			0.150	0.76	0.23	0.10	0.187 x 0.020		100	500
DV18-205B-CY			0.150	0.75	0.25	0.12	0.187/0.205 x 0.032		100	500
DV18-206B-CY			0.150	0.75	0.25	0.12	0.187/0.205 x 0.020		100	500
DV18-250B-CY			0.150	0.81	0.29	0.12	0.250 x 0.032		100	500
▲ **DV14-187B-C**	16 – 14 AWG	Blue	0.170	0.75	0.23	0.10	0.187 x 0.032	CT-1525^, CT-2500	100	500
▲ **DV14-188B-C**			0.162	0.79	0.23	0.10	0.187 x 0.020		100	500
▲ **DV14-205B-C**			0.170	0.75	0.25	0.12	0.187/0.205 x 0.032		100	500
▲ DV14-206B-C			0.170	0.75	0.25	0.12	0.187/0.205 x 0.020		100	500
▲ **DV14-250B-C**			0.170	0.81	0.29	0.12	0.250 x 0.032		100	500
▲ **DV10-250-L***	12 – 10 AWG	Yellow	0.229	1.03	0.30	0.13	0.250 x 0.032	CT-600-A, CT-1550^, CT-1551^, CT-2500	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 pages D1.84 and D1.88.
^CSA approved tooling/product combinations.
▲UL Recognized only.

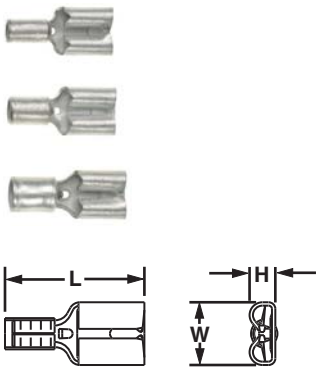
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Female Disconnect, Non-Insulated – Metal Sleeve

LISTED CERTIFIED

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	H	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‡	100	500
	D18-188-C		0.58	0.23	0.10	0.187 x 0.020		100	500
	D18-250-C		0.66	0.30	0.12	0.250 x 0.032		100	500
▲	D14-187-C	16 – 14 AWG	0.58	0.23	0.10	0.187 x 0.032	CT-100A, CT-200, CT-600-A, CT-1570, CT-2500	100	500
▲	D14-188-C		0.58	0.23	0.10	0.187 x 0.020		100	500
▲	D14-250-C		0.66	0.30	0.12	0.250 x 0.032		100	500
	D10-250-L	12 – 10 AWG	0.72	0.30	0.12	0.250 x 0.032	CT-600-A‡, CT1570‡, CT-1701‡, CT-2500‡	50	500

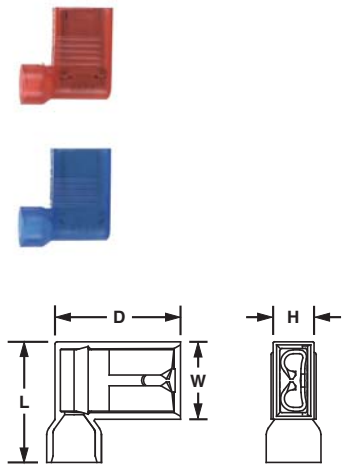
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.
▲UL Recognized only.

Right Angle Female Disconnect, Nylon Fully Insulated – Funnel Entry

LISTED CERTIFIED

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



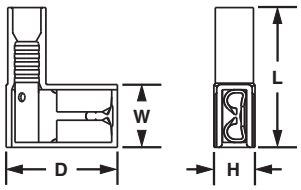
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	H	D	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNFR18-205FIB-L	22 – 18 AWG	Red	0.178	0.58	0.37	0.21	0.60	0.205/0.187 x 0.032	CT-300-1	50	250
DNFR18-206FIB-L			0.178	0.58	0.37	0.21	0.60	0.205/0.187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

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see page D1.85.

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



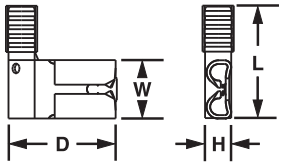
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	H	D	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DNFR18-205B-L	22 – 18 AWG	Red	0.130	0.78	0.36	0.20	0.62	0.205/0.187 x 0.032	CT-1525‡, CT-2500‡	50	500
DNFR18-206B-L			0.130	0.78	0.36	0.20	0.62	0.205/0.187 x 0.020		50	500
DNFR18-250B-L			0.130	0.78	0.36	0.20	0.62	0.250 x 0.032		50	500
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‡	50	500
DNFR14-206B-L			0.155	0.78	0.36	0.20	0.63	0.205/0.187 x 0.020		50	500
DNFR14-250B-L			0.155	0.78	0.36	0.20	0.63	0.250 x 0.032		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 pages D1.84 and D1.88.

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‡, CT-600-A‡, CT-1570‡, CT-2500‡	100	1000
DR18-206-C		0.54	0.25	0.12	0.53	0.205/0.187 x 0.020		100	1000
DR18-250-C		0.57	0.30	0.12	0.54	0.250 x 0.032		100	1000
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‡, CT-600-A‡, CT-1570‡, CT-2500‡	100	1000
DR14-206-C		0.54	0.25	0.12	0.55	0.205/0.187 x 0.020		100	1000
▲ **DR14-250-C**		0.57	0.30	0.12	0.55	0.250 x 0.032		100	1000
DR10-250-L	12 – 10 AWG	0.61	0.30	0.12	0.57	0.250 x 0.032	CT-100A‡, CT-200‡, CT-600-A‡, CT-1570‡, CT-1701‡, CT-2500‡	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 pages D1.83, D1.84, D1.86 and D1.88.
•UL Recognized only.

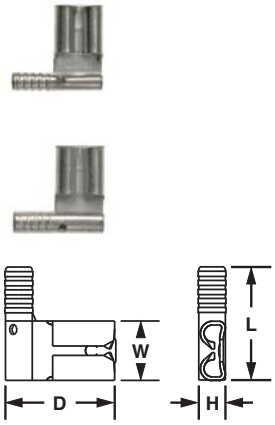
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Right Angle Female Disconnect Non-Insulated

CERTIFIED

Type DR-B

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- Internal barrel serrations assure good wire contact and maximum tensile strength
- For use in limited space applications
- Maximum recommended operating temperature 302°F (150°C)
- Rated up to 2000 V



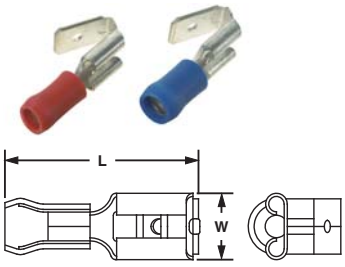
Part Number	Wire Range	Figure Dimensions (In.) L	W	H	D	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DR18-205B-C	22 – 18 AWG	0.54	0.25	0.12	0.53	0.205/0.187 x 0.032	CT-100A, CT-200	100	1000
DR18-206B-C		0.54	0.25	0.12	0.53	0.205/0.187 x 0.020		100	1000
DR18-250B-C		0.55	0.30	0.12	0.53	0.250 x 0.032		100	1000
DR14-205B-C*	16 – 14 AWG	0.54	0.25	0.12	0.55	0.205/0.187 x 0.032	CT-100A, CT-200	100	1000
DR14-206B-C*		0.54	0.25	0.12	0.55	0.205/0.187 x 0.020		100	1000
DR14-250B-C		0.55	0.30	0.12	0.55	0.250 x 0.032		100	1000

*Not CSA Certified.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see page D1.83.

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 94V-2/HB, maximum insulation temperature 194°F (90°C)
- Rated up to 300 V



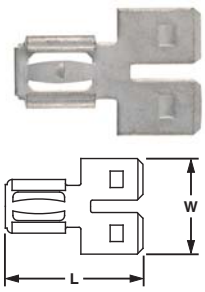
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DV18-250P-LY	22 – 18 AWG	Red	0.130	0.88	0.29	0.250 x 0.032	CT-100A, CT-260, CT-1550, CT-1551, CT-2500	50	250
DV14-250P-L	16 – 14 AWG	Blue	0.160	0.88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

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see pages D1.83, D1.84, and D1.88.

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



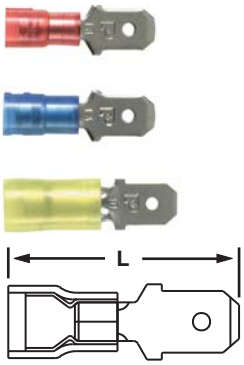
Part Number	Figure Dimensions (In.) L	W	Tab Size (In.)	Std. Pkg. Qty.**	Std. Ctn. Qty.
D-250A-C	0.82	0.57	0.250 x 0.032	100	1000

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

Male Disconnect, Nylon Barrel Insulated – Funnel Entry

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



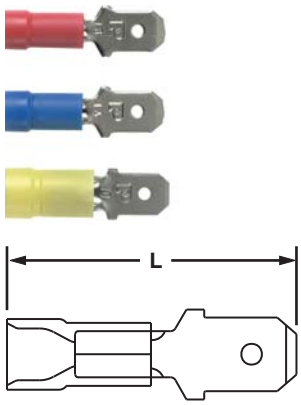
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNF18-250M-C	22 – 18 AWG	Red	0.136	0.90	0.250 x 0.032	CT-1550, CT-1551, CT-2500	100	1000
DNF14-250M-C	16 – 14 AWG	Blue	0.162	0.90	0.250 x 0.032		100	1000
DNF10-250M-L*	12 – 10 AWG	Yellow	0.230	1.03	0.250 x 0.032		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 pages D1.84 and D1.88.

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



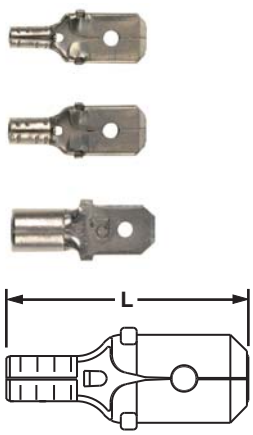
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DV18-250MB-CY	22 – 18 AWG	Red	0.154	0.98	0.250 x 0.032	CT-1550, CT-1551, CT-2500	100	500
DV14-250MB-C	16 – 14 AWG	Blue	0.180	0.96	0.250 x 0.032		100	500
DV10-250M-L*	12 – 10 AWG	Yellow	0.235	0.98	0.250 x 0.032		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 pages D1.84 and D1.88.

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	0.250 x 0.032		100	500
D10-250M-L*	12 – 10 AWG	0.72	0.250 x 0.032	CT-100A, CT-200, CT-260, CT-1570, CT-2500	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 pages D1.83, D1.84, and D1.88.

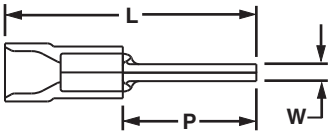
Selection Guide – Specialty Terminals

Material	Style	Feature	Type	Page Number
Specialty – Vinyl	Pin Terminal	Insulation Support	PV-P	D1.54
	Blade Terminal	Insulation Support	DV-M	D1.55
Specialty – Non-Insulated	Pin Terminal	Brazed Seam	P-P	D1.54
	Blade Terminal	Brazed Seam	D-M	D1.55

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



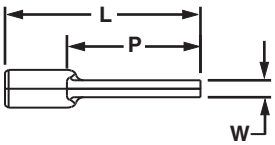
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	W	P	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-P47-CY	22 – 18 AWG	Red	0.150	0.97	0.07	0.49	CT-100A, CT-260, CT-1550, CT-1551, CT-2500	100	1000
PV14-P47-C	16 – 14 AWG	Blue	0.170	0.97	0.07	0.49		100	1000
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 pages D1.83, D1.84, and D1.88.

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 600 V per UL 486A/B



Part Number	Wire Range	Figure Dimensions (In.) L	W	P	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P18-P47-C	22 – 18 AWG	0.75	0.07	0.49	CT-100A, CT-200, CT-260, CT-1570, CT-2500	100	1000
P14-P47-C	16 – 14 AWG	0.75	0.07	0.49		100	1000
P10-P55-L*	12 – 10 AWG	0.79	0.11	0.55	CT-100A, CT-200, CT-260, CT-1570, CT-2500	50	500

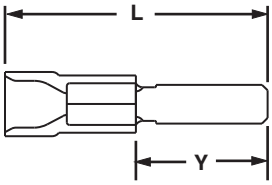
*Not UL Listed.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, and D1.88.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Male Blade Adapter, Vinyl Insulated – Funnel Entry

Type DV-M

- Flat blade design to prevent damage to the wire from over tightening, resulting in a reliable electrical connection
- For use with blade-type terminal blocks
- Insulation support helps to prevent wire damage in bending applications
- Brazed seam protects terminal barrel from splitting during the crimp process
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



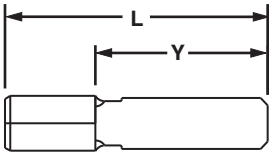
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)		Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	Y				
DV18-145M-CY	22 – 18 AWG	Red	0.150	0.97	0.42	0.145 x 0.032	CT-600-A, CT-1550‡, CT-1551‡, CT-2500‡	100	500
DV14-145M-C	16 – 14 AWG	Blue	0.170	0.97	0.42	0.145 x 0.032		100	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 pages D1.84, D1.86, and D1.88.

Male Blade Adapter, Non-Insulated

Type D-M

- Flat blade design to prevent damage to the wire from over tightening, resulting in a reliable electrical connection
- For use with blade-type terminal blocks
- 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)
- Rated up to 2000 V

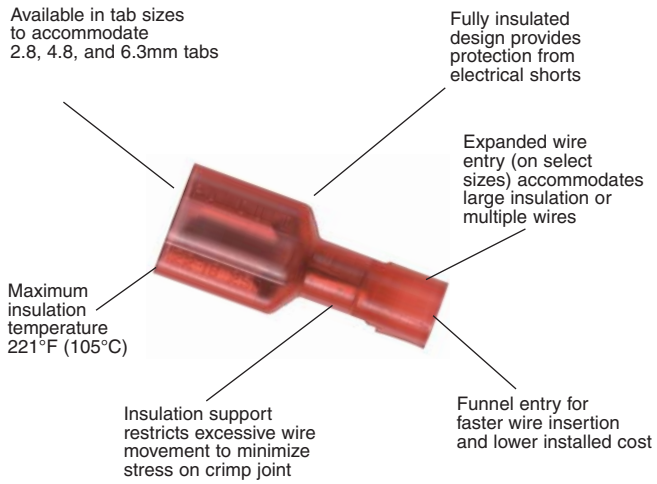


Part Number	Wire Range	Figure Dimensions (In.)		Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
		L	Y				
D18-145M-C	22 – 18 AWG	0.75	0.42	0.145 x 0.032	CT-100A‡, CT-200‡, CT-600-A, CT-1570‡, CT-2500‡	100	500
D14-145M-C	16 – 14 AWG	0.75	0.42	0.145 x 0.032		100	500

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

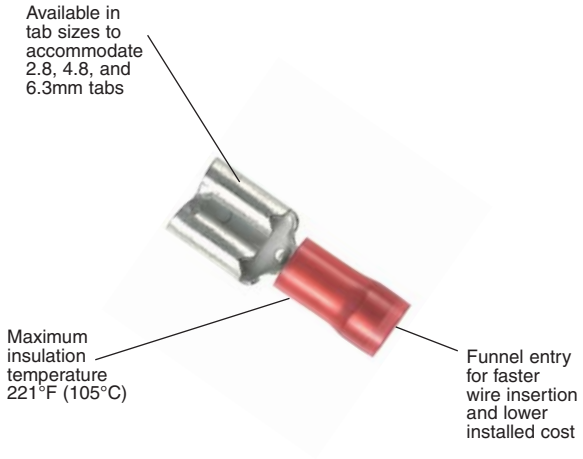
Features and Benefits – Pan-Term® Metric Disconnects

Metric Nylon Fully Insulated Female and Male Tabs Type DMNF-FIB



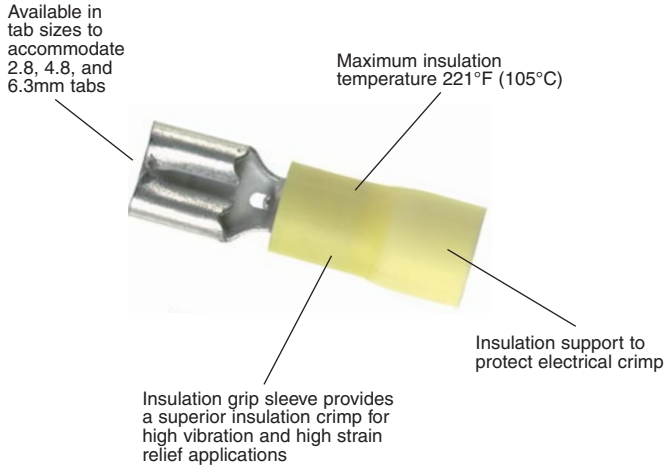
Rated at 600 V.
Flammability UL 94V-2/HB.

Nylon Barrel Insulated Female Receptacles and Male Tabs Type DMNF



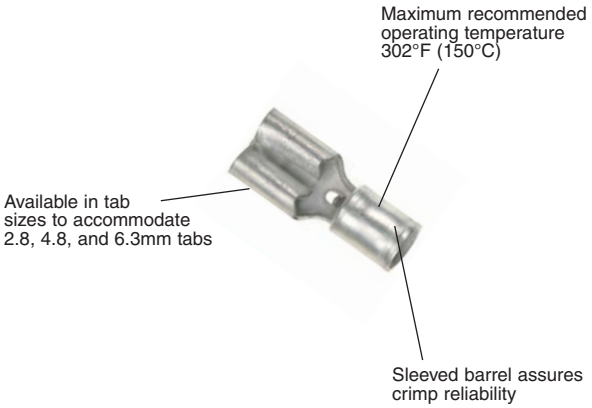
Rated at 600 V.
Flammability UL 94V-2/HB.

Vinyl Barrel Insulated Female Receptacles Type DMV



Rated at 600 V.
Flammability UL 94V-0.

Non-Insulated Female Receptacles and Male Tabs Type DM



Rated up to 2000 V.

Panduit extensive line of tooling is specifically designed for optimum crimping performance.

See pages D1.83 – D1.89.

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

See pages E1.1 – E2.28.

Part Number System for Pan-Term® Metric Disconnects

DM — NF — 1 — 285 — FIB — C

Type
DM = Disconnect Metric

Insulation
N = Nylon
NF = Nylon Funnel
V = Vinyl
= Non-Insulated (leave blank)

Wire Range
1 = 0.5 – 1.0mm² (22 – 18 AWG)
2 = 1.5 – 2.5mm² (16 – 14 AWG)
6 = 4.0 – 6.0mm² (12 – 10 AWG)

Size and Type
285 = 2.8mm x 0.5mm (0.110 x 0.020)
288 = 2.8mm x 0.8mm (0.110 x 0.032)
488 = 4.8mm x 0.8mm (0.188 x 0.032)
63 = 6.3mm x 0.8mm (0.250 x 0.032)

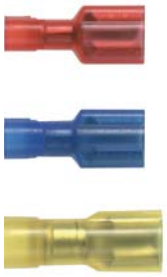
Special Configuration
B = Butted Seam, Female
FI = Fully Insulated, Female
FIB = Fully Insulated, Butted Seam, Female
FIM = Fully Insulated, Male
M = Male
MB = Butted Seam, Male
= Female (leave blank)

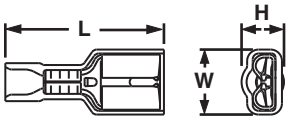
Package Size
X = 10
E = 20
Q = 25
L = 50
C = 100

Female Metric Disconnect, Fully Insulated Nylon – Funnel Entry

Type DMNF-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
- Maximum insulation temperature 221°F (105°C)
- Rated up to 600 V





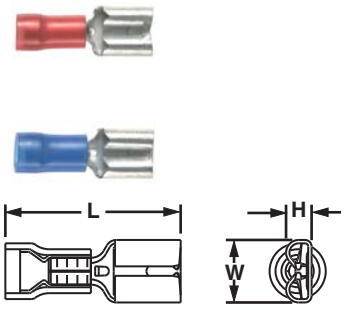
Part Number	Wire Range	Color Code	Max. Ins. (mm)	Figure Dimensions (mm) L	W	H	Tab Size (mm)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DMNF1-285FIB-C	0.5 – 1.0	Red	3.05	18.0	4.8	4.1	2.8 x 0.5	CT-1525, CT-2500	100	500
DMNF1-288FIB-C			3.05	18.0	4.8	4.1	2.8 x 0.8		100	500
DMNF1-488FIB-C			3.35	19.8	7.9	5.5	4.8 x 0.8		100	1000
DMNF1-63FIB-C			3.35	21.3	8.9	5.5	6.3 x 0.8		100	500
DMNF2-488FIB-C	1.5 – 2.5	Blue	3.96	19.8	7.9	5.5	4.8 x 0.8		100	1000
DMNF2-63FIB-C			3.96	21.3	8.9	5.5	6.3 x 0.8		100	500
DMNF6-63FI-L	4.0 – 6.0	Yellow	5.84	24.4	8.9	6.9	6.3 x 0.8	CT-1551	50	250

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see pages D1.84 and D1.88.

Female Metric Disconnect, Nylon Barrel Insulated – Funnel Entry

Type DMNF

- 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
- Maximum insulation temperature 221°F (105°C)
- Rated up to 300 V



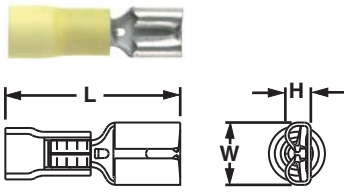
Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm) L	W	H	Tab Size (mm)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DMNF1-285-C	0.5 – 1.0	Red	2.50	17.8	3.8	2.0	2.8 x 0.5	CT-1551	100	500
DMNF1-288-C			2.50	17.6	3.8	2.0	2.8 x 0.8		100	500
DMNF1-488-C			3.60	19.6	5.8	2.5	4.8 x 0.8		100	500
DMNF1-63-C		Red	3.58	20.7	7.4	3.1	6.3 x 0.8		100	500
DMNF2-288-C	1.5 – 2.5	Blue	4.20	18.8	3.8	2.0	2.8 x 0.8		100	500
DMNF2-488-C			4.20	19.6	5.8	2.5	4.8 x 0.8		100	500
DMNF2-63-C			4.22	21.1	7.4	3.1	6.3 x 0.8		100	500

For crimping tool information, see page D1.84.

Female Metric Disconnect, Vinyl Barrel Insulated – Funnel Entry

Type DMV

- 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
- Maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



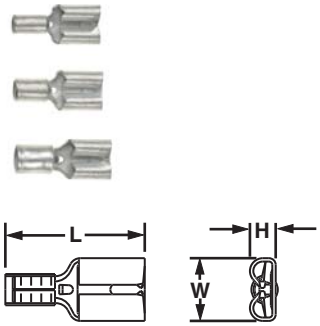
Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm) L	W	H	Tab Size (mm)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DMV6-63-L	2.5 – 6.0	Yellow	5.80	25.7	7.6	3.3	6.3 x 0.8	CT-1551	50	250

For crimping tool information, see page D1.84.

Female Metric Disconnect, Non-Insulated – Metal Sleeve

Type DM

- 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)
- Rated up to 2000 V



Part Number	Wire Range (mm^2)	Figure Dimensions (mm) L	W	H	Tab Size (mm)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DM1-488-C	0.5 – 1.0	15.0	5.9	2.5	4.8 x 0.8	CT-1570, CT-2500	100	500
DM1-63-C		16.8	7.6	3.0	6.3 x 0.8		100	500
DM2-488-C	1.5 – 2.5	15.0	5.9	2.5	4.8 x 0.8		100	500
DM2-63-C		16.8	7.6	3.0	6.3 x 0.8		100	500
DM6-63-L	4.0 – 6.0	18.2	7.6	3.0	6.3 x 0.8		50	250

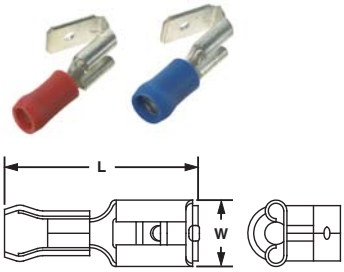
For crimping tool information, see pages D1.84 and D1.88.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Piggyback Metric Disconnect, Vinyl Barrel Insulated

Type DMV-P

- 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
- Maximum insulation temperature 194°F (90°C)
- Rated up to 600 V



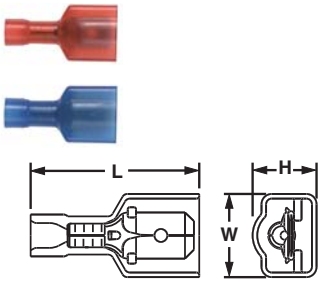
Part Number	Wire Range (mm²)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm) L	Figure Dimensions (mm) W	Tab Size (mm)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DMV1-63P-LY	0.5 – 1.0	Red	3.30	22.4	7.4	6.3 x 0.8	CT-1551	50	500
DMV2-63P-L	1.5 – 2.5	Blue	4.06	22.4	7.4	6.3 x 0.8		50	500

For crimping tool information, see page D1.84.

Male Metric Disconnect, Fully Insulated Nylon – Funnel Entry

Type DMNF-FIM

- Male tab couples with (all 6.3mm x 0.8mm) 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
- Maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



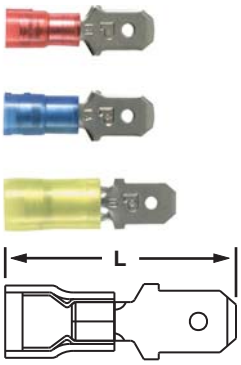
Part Number	Wire Range (mm²)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm) L	Figure Dimensions (mm) W	Figure Dimensions (mm) H	Tab Size (mm)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DMNF1-63FIM-L	0.5 – 1.0	Red	3.38	22.9	10.3	7.03	6.3 x 0.8	CT-1525, CT-2500	50	500
DMNF2-63FIM-L	1.5 – 2.5	Blue	4.01	22.9	10.4	7.05	6.3 x 0.8		50	500

For crimping tool information, see pages D1.84 and D1.88.

Male Metric Disconnect, Nylon Barrel Insulated – Funnel Entry

Type DMNF-M

- Male tab couples with (all 6.3mm x 0.8mm) 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
- Maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



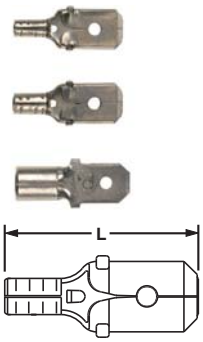
Part Number	Wire Range (mm²)	Color Code	Max. Ins. (mm)	Figure DImensions (mm) L	Tab Size (mm)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DMNF1-63M-C	0.5 – 1.0	Red	3.96	22.7	6.3 x 0.8	CT-1551	100	500
DMNF2-63M-C	1.5 – 2.5	Blue	4.83	23.6	6.3 x 0.8		100	500
DMNF6-63M-L	4.0 – 6.0	Yellow	6.20	23.6	6.3 x 0.8		50	250

For crimping tool information, see page D1.84.

Male Metric Disconnect, Non-Insulated – Butted Seam

Type DM-M

- Male tab couples with (all 6.3mm x 0.8mm) 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



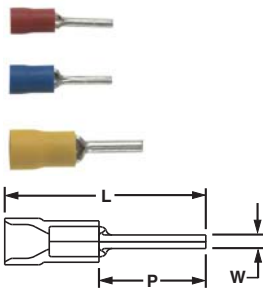
Part Number	Wire Range (mm^2)	Figure Dimensions (mm) L	Tab Size (mm)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DM1-63M-C	0.5 – 1.0	19.2	6.3 x 0.8	CT-1570, CT-2500	100	500
DM2-63M-C	1.5 – 2.5	19.2	6.3 x 0.8		100	500
DM6-63M-L*	4.0 – 6.0	18.2	6.3 x 0.8		50	250

*Brazed seam.
For crimping tool information, see pages D1.84 and D1.88.

Metric Pin Terminal, Vinyl Insulated – Funnel Entry

Type PMV-P

- 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
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



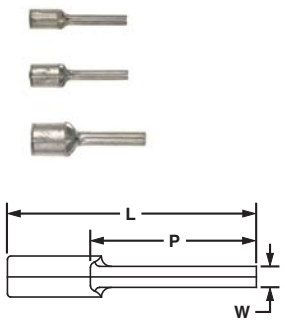
Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm) L	W	P	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
PMV1-P10-CY	0.5 – 1.0	Red	3.80	21.1	2.0	11.9	CT-1550, CT-2500	100	500
PMV2-P10-C	1.5 – 2.5	Blue	4.30	21.1	2.0	11.9		100	500
PMV6-P10-L	4.0 – 6.0	Yellow	6.40	27.9	2.5	14.0		50	250

For crimping tool information, see pages D1.84 and D1.88.

Metric Pin Terminal, Non-Insulated

Type PM-P

- 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
- Brazed seam protects terminal barrel from splitting during the crimp process
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Maximum recommended operating temperature 302°F (150°C)
- Rated up to 2000 V



Part Number	Wire Range (mm^2)	Figure Dimensions (mm) L	W	P	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
PM1-P10-C	0.5 – 1.0	19.0	1.8	12.4	CT-1570, CT-2500	100	500
PM2-P10-C	1.5 – 2.5	19.0	1.8	12.4		100	500
PM6-P10-L	4.0 – 6.0	20.1	2.8	14.0		50	250

For crimping tool information, see pages D1.84 and D1.88.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-TERM® SPLICES

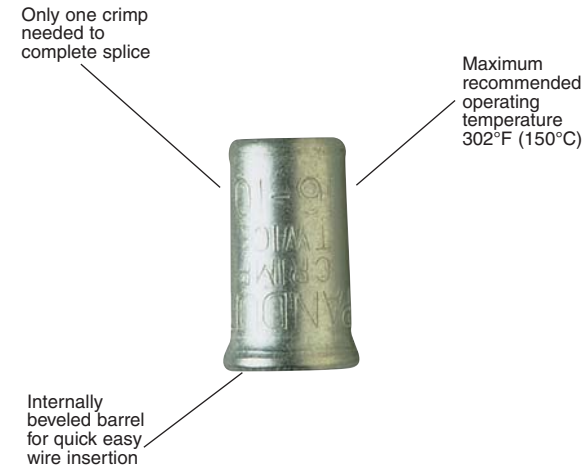
Panduit® Pan-Term® Splices are designed and manufactured for fast assembly, and long reliable performance. As the demand for splices increases, it becomes essential to provide a complete system for termination products. We provide an extensive line of tooling designed specifically to provide optimum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

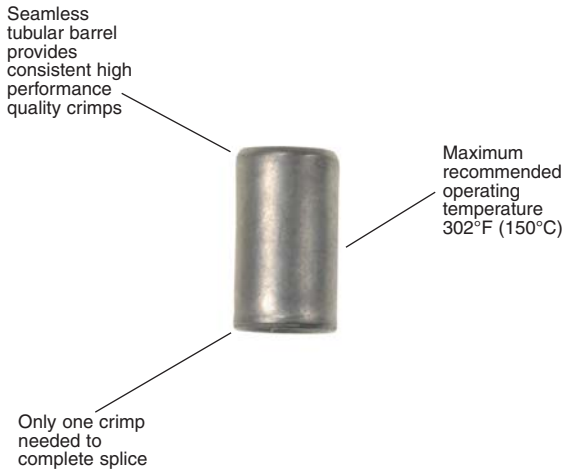
Features and Benefits – Pan-Term® Splices and Wire Joints

Non-Insulated Wire Joints
Type J



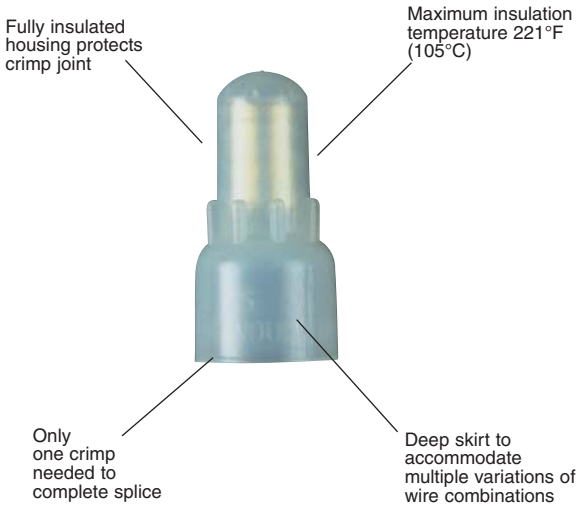
UL and CSA rated up to 2000 V per UL 486C.

Non-Insulated Parallel Splices
Type PS



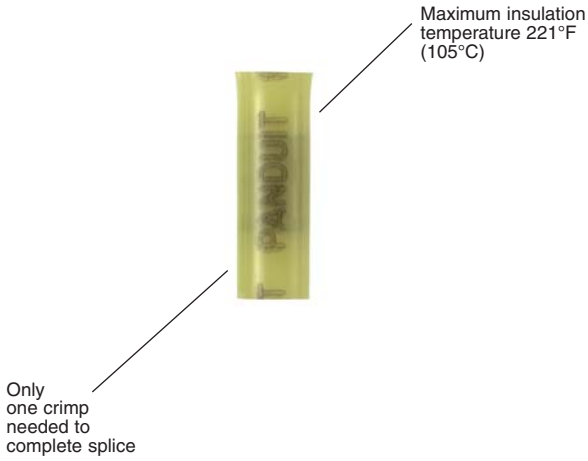
UL and CSA rated up to 2000 V per UL 486C.

Nylon Wire Joints
Type JN



UL and CSA rated up to 600 V per UL 486C.
Metric versions available.
Flammability – UL 94V-2/HB.

Nylon Parallel Splices
Type PSN



Rated up to 300 V.
Flammability – UL 94V-2/HB.

Panduit extensive line of tooling is specifically designed for optimum crimping performance.

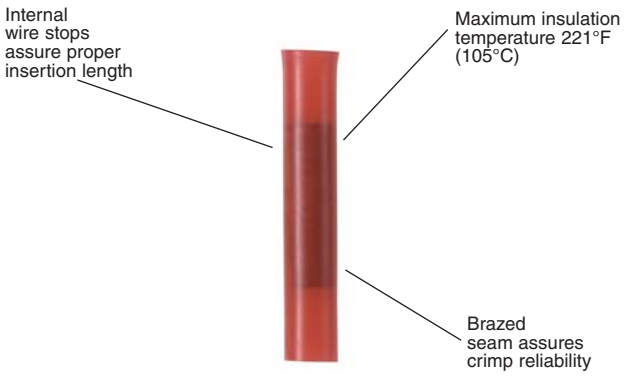
See pages D1.83 – D1.89.

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

See pages E1.1 – E2.28.

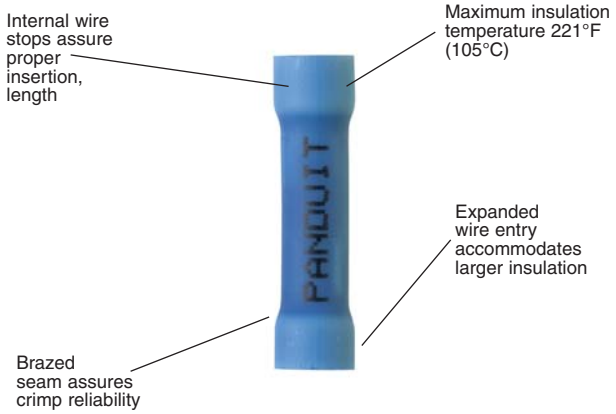
Features and Benefits – Pan-Term® Splices

Nylon Butt Splices
Type BSN



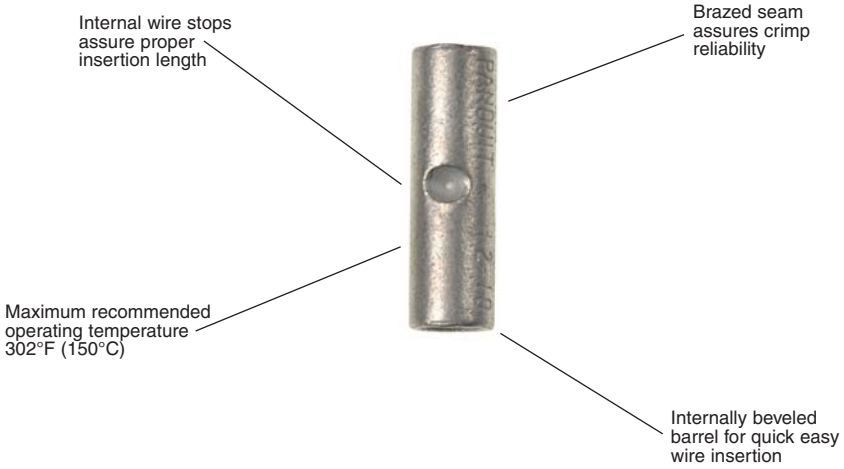
UL and CSA rated up to 600 V per UL 486C.
Flammability – UL 94V-2/HB.

Vinyl Butt Splices
Type BSV

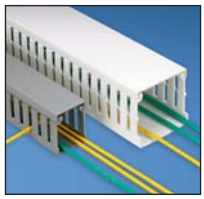


UL and CSA rated up to 600 V per UL 486C.
Flammability – UL 94V-0.
Metric versions available.

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 – C1.52.

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

See pages B1.1 – B1.120.

Selection Guide – Pan-Term® Splices and Wire Joints

Splices and Wire Joints

Material	Style	Feature	Type	Page Number
Nylon	Butt Splice	Brazed Seam	BSN	D1.65
	Parallel Splice	Seamless Barrel	PSN	D1.66
	Wire Joint	Multiple Wire Connector	JN	D1.67
Vinyl	Butt Splice	Expanded Insulation	BSV	D1.65
Heat Shrink	Butt Splice	Heat Shrink Insulation	BSH	D1.68
Non-Insulated	Butt Splice	Brazed Seam	BS	D1.66
	Parallel Splice	Seamless Barrel	PS	D1.67
	Wire Joint		J	D1.68

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

Standard Package Size

X = 10
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

Standard Package Size

X = 10
Q = 25
L = 50
C = 100
T = 200
D = 500
M = 1000

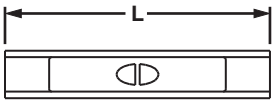
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486C



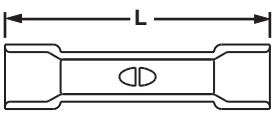
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
BSN22-C*	26 – 22 AWG	Yellow	0.080	0.79	CT-1525, CT-2500	100	1000
BSN18-C	22 – 18 AWG	Red	0.115	1.15	CT-100A, CT-600-A, CT-1550, CT-1551, CT-2500	100	1000
BSN14-C	16 – 14 AWG	Blue	0.148	1.15	CT-100A, CT-600-A, CT-1550, CT-1551, CT-2500	100	1000
BSN10-L	12 – 10 AWG	Yellow	0.210	1.14	CT-100A, CT-600-A, CT-1550, CT-1551, CT-2500	50	500

*Not UL Listed.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

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, CT-600-A, CT-1550, CT-1551, CT-2500	50	500
BSV14X-L	16 – 14 AWG	Blue	0.211	1.04		50	500
BSV10X-Q	12 – 10 AWG	Yellow	0.260	1.17		25	250

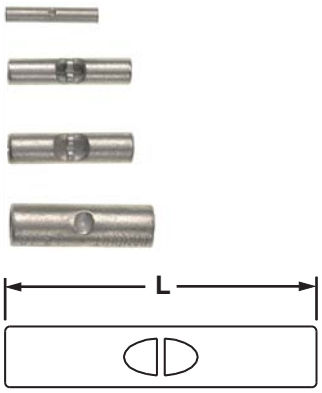
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.

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



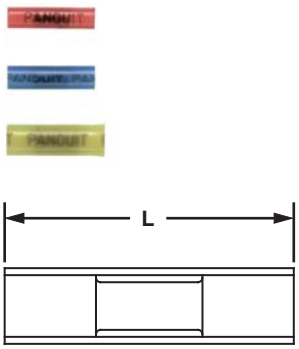
Part Number	Wire Range	Figure Dimensions (In.) L	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
BS22-C*	26 – 22 AWG	0.47	CT-100A	100	1000
BS18-C	22 – 18 AWG	0.62	CT-100A, CT-200, CT-600-A, CT-1570, CT-2500	100	1000
BS14-C	16 – 14 AWG	0.62	CT-100A, CT-200, CT-600-A, CT-1570, CT-2500	100	1000
BS10-L	12 – 10 AWG	0.63	CT-100A, CT-200, CT-600-A, CT-1570, CT-2500, CT-1701‡	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 pages D1.83, D1.84, D1.86 and D1.88.

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	100	500
PSN16-C	20 – 16 AWG	Blue	0.150	0.75	5/16		100	500
PSN12-L	14 – 12 AWG	Yellow	0.210	0.83	7/16	CT-100A	50	500

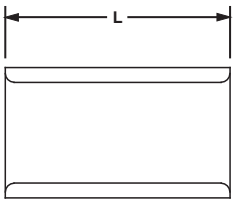
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see pages D1.83, D1.84, and D1.88.

Parallel Splice, Non-Insulated

LISTED CERTIFIED

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		100	500
PS12-L	14 – 12 AWG	0.38	7/16		50	500

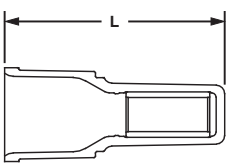
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see page D1.83.

Wire Joint, Nylon Insulated

LISTED CERTIFIED

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 94V-2/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‡	100	1000
JN218-216-C	(2) #22 – (2) #16	Clear	1284	5160	0.78	7/16	CT-1550‡, CT-1551‡, CT-2500‡	100	1000
JN418-212-C	(4) #18 – (2) #12	Clear	6480	14750	0.93	1/2	CT-100A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	1000
JN314-412-C*	(3) #14 – (4) #12	Clear	10320	26120	0.97	5/8	CT-100A, CT-160, CT-260	100	1000

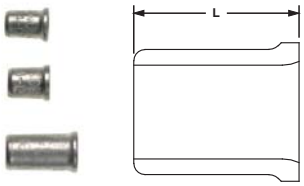
*Not UL Listed.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, and D1.88.
Note: Wire combinations using #24 AWG wire are not UL Listed or CSA Certified.

Wire Joint, Non-Insulated

LISTED CERTIFIED

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 Min.	CMA Range Max.	Figure Dimensions (In.) L	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
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‡	200	2000
J216-410-L*	(2) #16 – (4) #10	5160	41600	0.62	3/4	CT-100A‡, CT-200‡	50	500

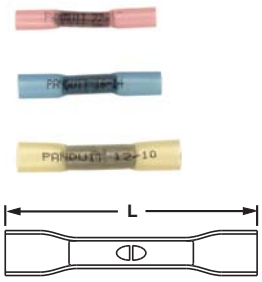
*Part number J216-410, is not UL Listed or CSA Certified.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see page D1.83.

Heat Shrink, Butt Splices

LISTED CERTIFIED

Type BSH

- Designed to splice two solid or 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



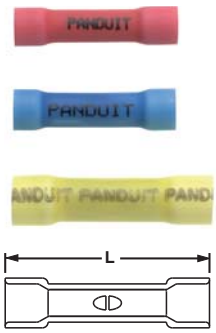
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.) L	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
BSH18-Q	22 – 18 AWG	Red	0.170	1.45	5/16	CT-310	25	125
BSH14-Q	16 – 14 AWG	Blue	0.190	1.45	5/16	CT-310	25	125
BSH10-E	12 – 10 AWG	Yellow	0.240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

**Bulk packaging may be available, contact Panduit Customer Service for additional information.
For crimping tool information, see page D1.85.

Metric Butt Splice, Vinyl Insulated

Type BSMV

- 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
- Maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



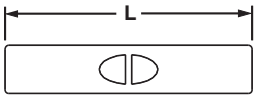
Part Number	Wire Range (mm^2)	Color Code	Max Ins. (mm)	Figure Dimensions (mm) L	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
BSMV1BX-LY^	0.5 – 1.0	Red	4.3	26.4	CT-1551	50	500
BSMV2BX-L^	1.5 – 2.5	Blue	5.1	26.4	CT-1551	50	500
BSMV6X-Q*	4.0 – 6.0	Yellow	6.4	30.0	CT-1551	25	250

*Brazed seam.
**Bulk packaging may be available, contact Panduit Customer Service for additional information.
^Butted seam.
For crimping tool information, see page D1.84.

Metric Butt Splice, Non-Insulated

Type BSM

- 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)
- Rated up to 2000 V



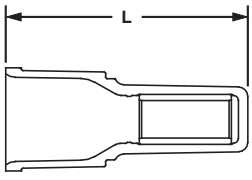
Part Number	Wire Range (mm^2)	Figure Dimensions (mm) L	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
BSM1-C	0.5 – 1.0	15.7	CT-1570, CT-2500	100	500
BSM2-C	1.5 – 2.5	15.7		100	500
BSM6-L	4.0 – 6.0	18.2		50	250

For crimping tool information, see pages D1.84 and D1.88.

Metric Wire Joints, Nylon Insulated

Type JMN

- 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
- Maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



Part Number	Wire Range (mm^2)	Color Code	CMA Range Min.	CMA Range Max.	Figure Dimensions (mm) L	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
JMN2-C	0.5 – 2.5	Clear	1284	5160	19.9	CT-1551	100	500
JMN6-C	0.75 – 6.0	Clear	6480	14750	23.9	CT-1551	100	500

For crimping tool information, see page D1.84.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel Ties
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power Connectors
D3. Grounding Connectors
E1. Labeling Systems
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Permanent Identification
E5. Lockout/ Tagout & Safety Solutions
F. Index

PAN-TERM® 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.

- **Ideal for control panel and terminal block applications**
- **Insulated single wire range of #26 – 1 AWG, sizes meets French and DIN color code standards**
- **Insulated twin wire end sleeve range of #22 – 10 AWG, sizes meets DIN color code standard**
- **Non-insulated wire range of #24 – 1 AWG**
- **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.

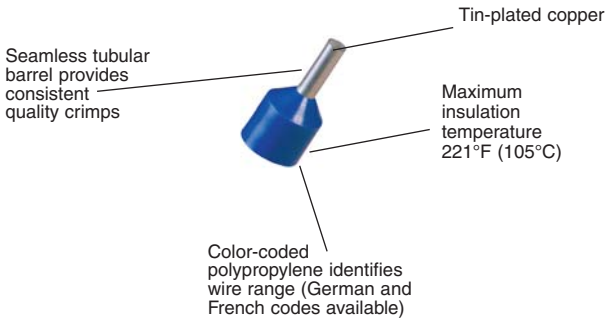
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

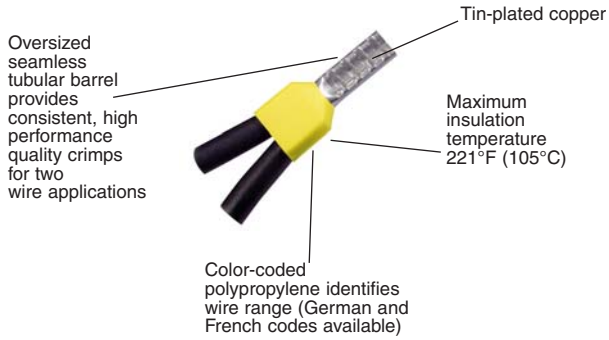
Features and Benefits – Pan-Term® Ferrules

Panduit ferrules are available for wiring applications from #26 – 1 AWG. Offerings include insulated and non-insulated ferrules, in single-wire or double-wire configurations. Insulated ferrules are color-coded to DIN or French standards. Crimped on the metal barrel these ferrules provide improved performance for terminal block and panel building applications.

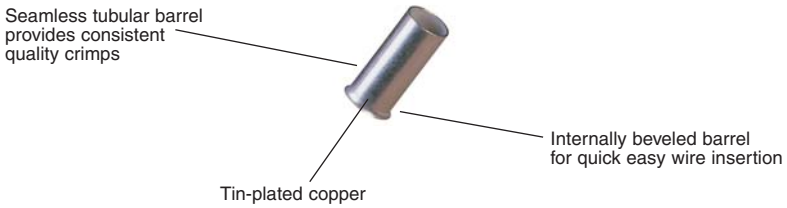
Insulated Ferrules – Single Wire
Type FSF and FSD



Insulated Ferrules – Twin Wire
Type FTD



Non-Insulated Ferrules
Type F



Panduit provides a wide assortment of crimping tools for reliable connections at the lowest installed cost.

See page D1.85.

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

See pages E1.1 – E2.28.

Selection Guide – Pan-Term® Ferrules

Ferrules

Material	Style	Feature	Type	Page Number
Polypropylene	Ferrules, Single Wire	DIN Color Code	FSD	D1.73
	Ferrules, Single Wire	French Color Code	FSF	D1.74
	Ferrules, Single Wire	On Strips	FS	D1.75
	Ferrules, Twin Wire	DIN Color Code	FTD	D1.75
Non-Insulated	Ferrules	Seamless Tube	F	D1.76, D1.77

Part Number System for Pan-Term® Ferrules

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

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

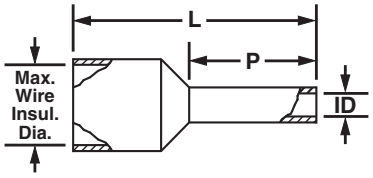
Prime items appear in **BOLD**.

CERTIFIED

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	0.24	6.0	0.03	0.8	3/8	9.5	CT-1002, CT-1123	500
FSD72-8-D				0.07	2.0	0.49	12.5	0.31	8.0	0.03	0.8	15/32	11.9		500
FSD73-6-D	24 AWG	0.25	Yellow	0.07	2.0	0.41	10.5	0.24	6.0	0.03	0.8	3/8	9.5		500
FSD73-8-D				0.07	2.0	0.49	12.5	0.31	8.0	0.03	0.8	15/32	11.9		500
FSD74-6-D		0.34	Turquoise	0.07	2.0	0.41	10.5	0.24	6.0	0.03	0.8	3/8	9.5		500
FSD74-8-D				0.07	2.0	0.49	12.5	0.31	8.0	0.03	0.8	15/32	11.9		500
FSD75-6-D	22 AWG	0.5	White	0.09	2.5	0.45	11.5	0.24	6.0	0.04	1.1	3/8	9.5	CT-1002, CT-1003, CT-1123	500
FSD75-8-D				0.09	2.5	0.53	13.5	0.31	8.0	0.04	1.1	15/32	11.9		500
FSD75-10-D				0.09	2.5	0.61	15.5	0.39	10.0	0.04	1.1	17/32	13.5		500
FSD76-6-D	20 AWG	0.75	Gray	0.11	2.8	0.47	12.0	0.24	6.0	0.05	1.3	3/8	9.5		500
FSD76-8-D				0.11	2.8	0.55	14.0	0.31	8.0	0.05	1.3	15/32	11.9		500
FSD76-10-D				0.11	2.8	0.63	16.0	0.39	10.0	0.05	1.3	17/32	13.5		500
FSD76-12-D				0.11	2.8	0.71	18.0	0.47	12.0	0.05	1.3	5/8	15.9		500
FSD77-6-D	18 AWG	1.0	Red	0.12	3.0	0.49	12.5	0.24	6.0	0.06	1.5	3/8	9.5		500
FSD77-8-D				0.12	3.0	0.57	14.5	0.31	8.0	0.06	1.5	15/32	11.9		500
FSD77-10-D				0.12	3.0	0.65	16.5	0.39	10.0	0.06	1.5	17/32	13.5		500
FSD77-12-D				0.12	3.0	0.73	18.5	0.47	12.0	0.06	1.5	5/8	15.9		500
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		500
FSD78-8-D				0.12	3.0	0.57	14.5	0.31	8.0	0.07	1.8	15/32	11.9		500
FSD78-10-D				0.12	3.0	0.65	16.5	0.39	10.0	0.07	1.8	17/32	13.5		500
FSD78-12-D				0.12	3.0	0.73	18.5	0.47	12.0	0.07	1.8	5/8	15.9		500
FSD78-18-D				0.12	3.0	0.96	24.5	0.71	18.0	0.07	1.8	7/8	22.2		500
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		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		500
FSD80-12-D				0.17	4.2	0.75	19.0	0.47	12.0	0.09	2.3	5/8	15.9		500
FSD80-18-D				0.17	4.2	0.98	25.0	0.71	18.0	0.09	2.3	7/8	22.2		500
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		500
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		100
FSD82-18-C				0.24	6.2	1.02	26.0	0.71	18.0	0.14	3.6	7/8	22.2		100
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	100
FSD83-18-C				0.30	7.5	1.06	27.0	0.71	18.0	0.18	4.6	7/8	22.2		100
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	100
FSD84-18-C				0.35	8.8	1.14	29.0	0.71	18.0	0.24	6.0	7/8	22.2		100
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	19.1	CT-1005	50
FSD85-18-L				0.43	11.0	1.22	31.0	0.71	18.0	0.30	7.5	7/8	22.2		50
FSD85-22-L				0.43	11.0	1.38	35.0	0.87	22.0	0.30	7.5	1	25.4		50
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		50
FSD86-18-L				0.49	12.5	1.26	32.0	0.71	18.0	0.33	8.5	7/8	22.2		50
FSD86-25-L				0.49	12.5	1.54	39.0	0.98	25.0	0.33	8.5	1 1/8	28.6		50
FSD87-20-L	1 AWG	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	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

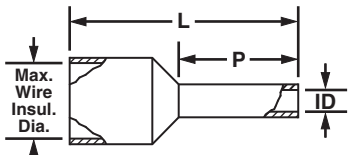
For crimping tool information, see page D1.85

CERTIFIED

Insulated Ferrules – Single Wire French End Sleeve

Type FSF

- Polypropylene insulation housing conforms to French 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	Maximum Wire Insulation In.	Maximum Wire Insulation 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.
FSF72-6-D	26 AWG	0.14	Brown	0.07	1.7	0.41	10.5	0.24	6.0	0.03	0.8	3/8	9.5	CT-1002, CT-1123	500
FSF72-8-D				0.07	1.7	0.49	12.5	0.31	8.0	0.03	0.8	15/32	11.9		500
FSF73-6-D	24 AWG	0.25	Violet	0.07	1.7	0.41	10.5	0.24	6.0	0.03	0.8	3/8	9.5		500
FSF73-8-D				0.07	1.7	0.49	12.5	0.31	8.0	0.03	0.8	15/32	11.9		500
FSF74-6-D		0.34	Pink	0.07	1.7	0.41	10.5	0.24	6.0	0.03	0.8	3/8	9.5		500
FSF74-8-D				0.07	1.7	0.49	12.5	0.31	8.0	0.03	0.8	15/32	11.9		500
FSF75-6-D	22 AWG	0.50	White	0.09	2.2	0.45	11.5	0.24	6.0	0.04	1.1	3/8	9.5	CT-1002, CT-1003, CT-1123	500
FSF75-8-D				0.09	2.2	0.53	13.5	0.31	8.0	0.04	1.1	15/32	11.9		500
FSF75-10-D				0.09	2.2	0.61	15.5	0.39	10.0	0.04	1.1	17/32	13.5		500
FSF76-6-D	20 AWG	0.75	Blue	0.09	2.4	0.47	12.0	0.24	6.0	0.05	1.3	3/8	9.5		500
FSF76-8-D				0.09	2.4	0.55	14.0	0.31	8.0	0.05	1.3	15/32	11.9		500
FSF76-10-D				0.09	2.4	0.63	16.0	0.39	10.0	0.05	1.3	17/32	13.5		500
FSF76-12-D				0.09	2.4	0.71	18.0	0.47	12.0	0.05	1.3	5/8	15.9		500
FSF77-6-D	18 AWG	1.0	Red	0.11	2.7	0.49	12.5	0.24	6.0	0.06	1.5	3/8	9.5		500
FSF77-8-D				0.11	2.7	0.57	14.5	0.31	8.0	0.06	1.5	15/32	11.9		500
FSF77-10-D				0.11	2.7	0.65	16.5	0.39	10.0	0.06	1.5	17/32	13.5		500
FSF77-12-D				0.11	2.7	0.73	18.5	0.47	12.0	0.06	1.5	5/8	15.9		500
FSF78-6-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		500
FSF78-8-D				0.12	3.0	0.57	14.5	0.31	8.0	0.07	1.8	15/32	11.9		500
FSF78-10-D				0.12	3.0	0.65	16.5	0.39	10.0	0.07	1.8	17/32	13.5		500
FSF78-12-D				0.12	3.0	0.73	18.5	0.47	12.0	0.07	1.8	5/8	15.9		500
FSF78-18-D				0.12	3.0	0.96	24.5	0.71	18.0	0.07	1.8	7/8	22.2		500
FSF79-8-D	14 AWG	2.1	Yellow	0.13	3.2	0.57	14.5	0.31	8.0	0.08	2.1	15/32	11.9		500
FSF80-8-D		2.5	Gray	0.15	3.7	0.59	15.0	0.31	8.0	0.09	2.3	15/32	11.9		500
FSF80-12-D				0.15	3.7	0.75	19.0	0.47	12.0	0.09	2.3	5/8	15.9		500
FSF80-18-D				0.15	3.7	0.98	25.0	0.71	18.0	0.09	2.3	7/8	22.2		500
FSF81-10-D	12 AWG	4.0	Orange	0.17	4.3	0.69	17.5	0.39	10.0	0.11	2.9	17/32	13.5		500
FSF81-12-C				0.17	4.3	0.79	20.0	0.47	12.0	0.11	2.9	5/8	15.9		100
FSF81-18-C				0.17	4.3	1.02	26.0	0.71	18.0	0.11	2.9	7/8	22.2		100
FSF82-12-C	10 AWG	6.0	Green	0.22	5.5	0.79	20.0	0.47	12.0	0.14	3.6	5/8	15.9		100
FSF82-18-C				0.22	5.5	1.02	26.0	0.71	18.0	0.14	3.6	7/8	22.2		100
FSF83-12-C	8 AWG	10.0	Brown	0.27	6.8	0.83	21.0	0.47	12.0	0.18	4.6	5/8	15.9	CT-1003 CT-1004, CT-1123, CT-1104	100
FSF83-18-C				0.27	6.8	1.06	27.0	0.71	18.0	0.18	4.6	7/8	22.2		100
FSF84-12-C	6 AWG	16.0	White	0.35	8.8	0.91	23.0	0.47	12.0	0.24	6.0	5/8	15.9	CT-1004, CT-1104	100
FSF84-18-C				0.35	8.8	1.14	29.0	0.71	18.0	0.24	6.0	7/8	22.2		100
FSF85-16-L	4 AWG	25.0	Black	0.41	10.3	1.14	29.0	0.63	16.0	0.30	7.5	3/4	19.1	CT-1005	50
FSF85-18-L				0.41	10.3	1.22	31.0	0.71	18.0	0.30	7.5	7/8	22.2		50
FSF85-22-L				0.41	10.3	1.38	35.0	0.87	22.0	0.30	7.5	1	25.4		50
FSF86-16-L	2 AWG	35.0	Red	0.45	11.5	1.18	30.0	0.63	16.0	0.33	8.5	3/4	19.1		50
FSF86-18-L				0.45	11.5	1.26	32.0	0.71	18.0	0.33	8.5	7/8	22.2		50
FSF86-25-L				0.45	11.5	1.54	39.0	0.98	25.0	0.33	8.5	1 1/8	28.6		50
FSF87-20-L	1 AWG	50.0	Blue	0.54	13.7	1.42	36.0	0.79	20.0	0.41	10.5	15/16	23.8	CT-1006	50
FSF87-25-Q				0.54	13.7	1.61	41.0	0.98	25.0	0.41	10.5	1 1/8	28.6		25

For crimping tool information, see page D1.85.

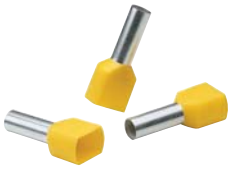
Order number of pieces required, in multiples of Standard Package Quantity.

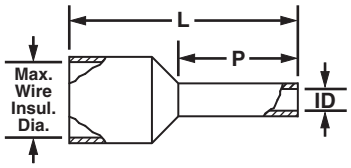
Prime items appear in **BOLD**.

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





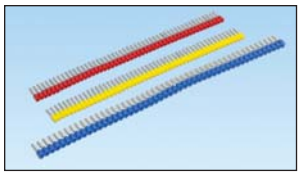
Part Number	Wire Size AWG	Wire Size mm²	Color	Max. Wire Insul. Dia. In.	Max. Wire Insul. Dia. mm	Figure Dimensions L In.	L mm	P In.	P mm	ID In.	ID mm	Wire Strip Length In.	Wire Strip Length mm	Recommended Installation Tool	Std. Pkg. Qty.
FTD75-8-D	22 AWG	0.5	White	0.87	2.2	0.59	15.0	0.31	8.0	0.06	1.5	7/16	11.2	CT-1002, CT-1003, CT-1123	500
FTD76-8-D	20 AWG	0.75	Gray	0.09	2.4	0.59	15.0	0.31	8.0	0.07	1.8	7/16	11.2		500
FTD76-10-D				0.09	2.4	0.67	17.0	0.39	10.0	0.07	1.8	9/16	14.0		500
FTD77-8-D	18 AWG	1.0	Red	0.11	2.7	0.59	15.0	0.31	8.0	0.08	2.1	7/16	11.2		500
FTD77-10-D				0.11	2.7	0.67	17.0	0.39	10.0	0.08	2.1	9/16	14.0		500
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		500
FTD78-12-D				0.12	3.0	0.79	20.0	0.47	12.0	0.09	2.3	21/32	16.8		500
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				0.15	3.7	0.85	21.5	0.51	13.0	0.11	2.9	23/32	16.2		250
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		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	25/32	19.6	CT-1003, CT-1004, CT-1104	100

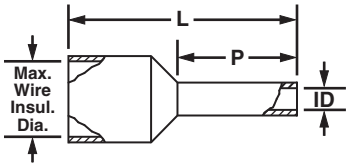
For crimping tool information, see page D1.85.

Insulated Ferrules on Strips – Single Wire

Type FS

- 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





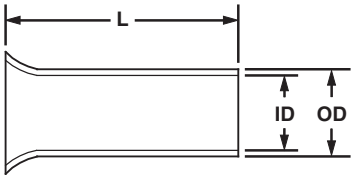
Part Number	Wire Size AWG	Wire Size mm2	Color	Max. Wire Insul. Dia. In.	Max. Wire Insul. Dia. mm	Figure Dimensions L In.	L mm	P In.	P mm	ID In.	ID mm	Wire Strip Length In.	Wire Strip Length mm	Recommended Installation Tool	Std. Pkg. Qty.
DIN End Sleeves															
FSD75-8-DSL10	20 AWG	0.50	White	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		500
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		500
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		500
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		500
Additional Colored End Sleeves															
FS75-8-DSL3	20 AWG	0.50	Orange	0.10	2.6	0.60	15.2	0.31	8.0	0.04	1.0	13/32	10.0	CT-1000	500
FS76-8-DSL10	18 AWG	0.75	White	0.11	2.7	0.60	15.2	0.31	8.0	0.05	1.2	13/32	10.0		500
FS76-8-DSL7			Light Blue	0.11	2.7	0.60	15.2	0.31	8.0	0.05	1.2	13/32	10.0		500
FS77-8-DSL4		1.00	Yellow	0.12	3.0	0.60	15.2	0.31	8.0	0.06	1.5	13/32	10.0		500
FS78-8-DSL2	16 AWG	1.50	Red	0.13	3.2	0.60	15.2	0.31	8.0	0.07	1.8	13/32	10.0		500
FS80-8-DSL8	14 AWG	2.50	Gray	0.16	4.0	0.60	15.2	0.31	8.0	0.09	2.3	13/32	10.0		500

For crimping tool information, see page D1.86.

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						Wire Strip Length		Recommended Installation Tool	Std. Pkg. Qty.
			L		ID		OD					
	AWG	mm²	In.	mm	In.	mm	In.	mm	In.	mm		
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-1003	1000
F73-7-M			0.28	7.0	0.03	0.80	0.04	1.1	9/32	7.0		1000
F74-5-M		0.34	0.20	5.0	0.04	0.90	0.05	1.2	7/32	5.0		1000
F74-7-M			0.28	7.0	0.04	0.90	0.05	1.2	9/32	7.0		1000
F75-6-M	22 AWG	0.50	0.24	6.0	0.04	1.0	0.05	1.3	1/4	6.0	CT-1002, CT-1003, CT-1123	1000
F75-8-M			0.31	8.0	0.04	1.0	0.05	1.3	5/16	8.0		1000
F75-10-M			0.39	10.0	0.04	1.0	0.05	1.3	13/32	10.0		1000
F76-6-M	20 AWG	0.75	0.24	6.0	0.05	1.2	0.06	1.5	1/4	6.0		1000
F76-8-M			0.31	8.0	0.05	1.2	0.06	1.5	5/16	8.0		1000
F76-10-M			0.39	10.0	0.05	1.2	0.06	1.5	13/32	10.0		1000
F76-12-M			0.47	12.0	0.05	1.2	0.06	1.5	15/32	12.0		1000
F77-6-M	18 AWG	1.0	0.24	6.0	0.06	1.4	0.07	1.7	1/4	6.0	CT-1002, CT-1003, CT-1123	1000
F77-7-M			0.28	7.0	0.06	1.4	0.07	1.7	9/32	7.0		1000
F77-8-M			0.31	8.0	0.06	1.4	0.07	1.7	5/16	8.0		1000
F77-10-M			0.39	10.0	0.06	1.4	0.07	1.7	13/32	10.0		1000
F77-12-M			0.47	12.0	0.06	1.4	0.07	1.7	15/32	12.0		1000
F78-7-M	16 AWG	1.5	0.28	7.0	0.07	1.7	0.08	2.0	9/32	7.0	CT-1002, CT-1003, CT-1123	1000
F78-8-M			0.31	8.0	0.07	1.7	0.08	2.0	5/16	8.0		1000
F78-10-M			0.39	10.0	0.07	1.7	0.08	2.0	13/32	10.0		1000
F78-12-M			0.47	12.0	0.07	1.7	0.08	2.0	15/32	12.0		1000
F78-15-M		1.5	0.59	15.0	0.07	1.7	0.08	2.0	19/32	15.0		1000
F78-18-M			0.71	18.0	0.07	1.7	0.08	2.0	23/32	18.0		1000
F78-20-M			0.79	20.0	0.07	1.7	0.08	2.0	25/32	20.0		1000

For crimping tool information, see page D1.85.

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

Prime items appear in **BOLD**.

Ferrules, Non-Insulated (continued)

Type F

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.
F80-7-M	14 AWG	2.5	0.28	7.0	0.09	2.2	0.10	2.5	9/32	7.0	CT-1002, CT-1003, CT-1123	1000
F80-8-M			0.31	8.0	0.09	2.2	0.10	2.5	5/16	8.0		1000
F80-10-M			0.39	10.0	0.09	2.2	0.10	2.5	13/32	10.0		1000
F80-12-M			0.47	12.0	0.09	2.2	0.10	2.5	15/32	12.0		1000
F80-15-M			0.59	15.0	0.09	2.2	0.10	2.5	19/32	15.0		1000
F80-18-M			0.71	18.0	0.09	2.2	0.10	2.5	23/32	18.0		1000
F80-20-M			0.79	20.0	0.09	2.2	0.10	2.5	25/32	20.0		1000
F81-9-M	12 AWG	4.0	0.35	9.0	0.11	2.8	0.13	3.2	11/32	8.0	CT-1002, CT-1003, CT-1123	1000
F81-10-M			0.39	10.0	0.11	2.8	0.13	3.2	13/32	10.0		1000
F81-12-M			0.47	12.0	0.11	2.8	0.13	3.2	15/32	12.0		1000
F81-15-M			0.59	15.0	0.11	2.8	0.13	3.2	19/32	15.0		1000
F81-18-M			0.71	18.0	0.11	2.8	0.13	3.2	23/32	18.0		1000
F81-20-M			0.79	20.0	0.11	2.8	0.13	3.2	25/32	20.0		1000
F82-10-M	10 AWG	6.0	0.39	10.0	0.14	3.5	0.15	3.9	13/32	10.0		1000
F82-12-M			0.47	12.0	0.14	3.5	0.15	3.9	15/32	12.0		1000
F82-15-M			0.59	15.0	0.14	3.5	0.15	3.9	19/32	15.0		1000
F82-18-M			0.71	18.0	0.14	3.5	0.15	3.9	23/32	18.0		1000
F82-20-M			0.79	20.0	0.14	3.5	0.15	3.9	25/32	20.0		1000
F83-12-D	8 AWG	10.0	0.47	12.0	0.18	4.5	0.19	4.9	15/32	12.0	CT-1003, CT-1004, CT-1123	500
F83-15-D			0.59	15.0	0.18	4.5	0.19	4.9	19/32	15.0		500
F83-18-D			0.71	18.0	0.18	4.5	0.19	4.9	23/32	18.0		500
F83-20-D			0.79	20.0	0.18	4.5	0.19	4.9	25/32	20.0		500
F83-25-D			0.98	25.0	0.18	4.5	0.19	4.9	31/32	25.0		500
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	250
F84-15-TL			0.59	15.0	0.23	5.8	0.24	6.2	19/32	15.0		250
F84-18-TL			0.71	18.0	0.23	5.8	0.24	6.2	23/32	18.0		250
F84-20-TL			0.79	20.0	0.23	5.8	0.24	6.2	25/32	20.0		250
F84-25-TL			0.98	25.0	0.23	5.8	0.24	6.2	31/32	25.0		250
F84-32-TL			1.26	32.0	0.23	5.8	0.24	6.2	1 1/4	32.0		250
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			0.59	15.0	0.29	7.3	0.30	7.7	19/32	15.0		100
F85-18-C			0.71	18.0	0.29	7.3	0.30	7.7	23/32	18.0		100
F85-25-C			0.98	25.0	0.29	7.3	0.30	7.7	31/32	25.0		100
F85-32-C			1.26	32.0	0.29	7.3	0.30	7.7	1 1/4	32.0		100
F86-18-C	2 AWG	35.0	0.71	18.0	0.33	8.3	0.34	8.7	23/32	18.0		100
F86-20-C			0.79	20.0	0.33	8.3	0.34	8.7	25/32	20.0		100
F86-25-C			0.98	25.0	0.33	8.3	0.34	8.7	31/32	25.0		100
F86-32-C			1.26	32.0	0.33	8.3	0.34	8.7	1 1/4	32.0		100
F87-18-C	1 AWG	50.0	0.71	18.0	0.41	10.3	0.43	10.9	23/32	18.0	CT-1006	100
F87-22-C			0.87	22.0	0.41	10.3	0.43	10.9	7/8	22.0		100
F87-25-C			0.98	25.0	0.41	10.3	0.43	10.9	31/32	25.0		100
F87-32-C			1.26	32.0	0.41	10.3	0.43	10.9	1 1/4	32.0		100

For crimping tool information, see page D1.85.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel Ties
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power Connectors
D3. Grounding Connectors
E1. Labeling Systems
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Permanent Identification
E5. Lockout/ Tagout & Safety Solutions
F. Index

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.	1
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.	1
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.	1
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.	1

Ferrule kits do not include crimping tool.

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

Prime items appear in **BOLD**.

Terminal Crimping Tools

Panduit offers a wide assortment of tools to provide solutions for installing terminals, disconnects, splices, ferrules and lugs. Panduit installation tools provide quality performance and ease of installation at the lowest installed cost. The long-term reliability of Panduit installation tools provides the highest level of service to meet customer requirements.

- **Ergonomic design to minimize operator effort**
- **Features crimping tools with a controlled cycle mechanism ensuring repeat reliability in every crimp**
- **Superior locator ensures proper location of the terminal barrel or insulated disconnect in the crimp pocket**
- **Battery powered, hydraulic tools with fingertip operation are available to meet a variety of installation needs**
- **UL Listed and CSA Certified tooling/product combinations, as noted**

Panduit terminal crimping tools are available in an assortment of styles to meet a variety of installation needs. The installer can control the crimp with the plier type hand operated crimping tool. Hand operated Contour Crimp™ Controlled Cycle Crimping Tools feature ergonomically designed cushioned grips with low handle effort. Panduit terminal crimping tools are designed for use with Panduit terminals, providing the right solution for your termination needs.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel Ties
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power Connectors
D3. Grounding Connectors
E1. Labeling Systems
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Permanent Identification
E5. Lockout/ Tagout & Safety Solutions
F. Index

Crimping Guidelines for Panduit® Pan-Term® Terminals, Disconnects, Splices and Wire Joints

1. Select the proper Panduit terminal for the application and wire size used

- Ring terminals are used for high vibration and grounding applications
- Fork terminals are used for static (non-vibration) applications
- Disconnects are used for applications that require quick connection of wires without the use of tools
- Splices and wire joints are used to join wires together

2. Strip wire to the proper length as specified on:

- Panduit product packaging label
- Packaging instructions included with the Panduit product
- Or if no packaging instructions are available, plan your strip length so that 1/32" of wire can be seen protruding through the tongue end of the terminal barrel

3. Select the proper crimp tool to be used

- Use crimping tools that provide a UL Listed and/or CSA Certified electrical termination, to assure a safe and reliable connection
- Panduit terminals are UL Listed and CSA Certified when crimped with Panduit plier type crimping tool or with the preferred Contour Crimp™ Controlled Cycle Crimping Tool specified on the packaging label

Plier Type Crimping Tool

Contour Crimp™ Controlled Cycle Crimping Tool

4. Select the proper crimp pocket for the terminals and wire size you are using

- Panduit crimping tools simplify this process with color-coded crimp pockets. The yellow, blue, and red pockets are specifically designed for the industry standard barrel sizes, each with a specific color code.

5. Perform the electrical crimp for the plier type tool Insulated Terminals and Disconnects

A. Locate terminal in appropriate size color-coded crimp die pocket with tool centered on insulation sleeve. *(See Note 1, page D1.82)*

B. Rotate terminal so tongue is level with crimp die.

C. Insert properly stripped wire into terminal until a minimum of 1/32" of wire extends beyond the terminal barrel.

D. Squeeze tool handles firmly to perform the electrical crimp. *(See Note 2, page D1.82)*

E. Provide second crimp on the flared portion of the insulation housing to close the insulation as shown. Caution: When using plier type crimping tools, do not squeeze as firmly as you did for the electrical crimp. *(See Note 3, page D1.82)*

Step A

Step B

Steps C and D

Step E

Complete Crimp

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

Prime items appear in **BOLD**.

Crimping Guidelines for Panduit® Pan-Term® Terminals, Disconnects, Splices and Wire Joints (continued)

Non-Insulated Terminals and Disconnects

A. Locate terminal in appropriate wire gauge crimp die pocket with indenter centered on barrel seam.

B. Rotate terminal so tongue is level with crimp die.

C. Insert properly stripped wire (based on recommendations on package label) into terminal until a minimum of 1/32" of wire extends beyond the terminal barrel.

D. Squeeze tool handles firmly to perform the electrical crimp. *(See Note 2, page D1.82)*


Step A


Step B


Steps C and D


Complete Crimp

Insulated and Non-Insulated Parallel Splices

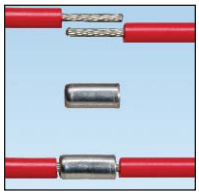
A. Locate parallel splice in appropriate wire gauge crimp die pocket and position tool on the center of the splice.

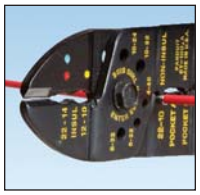
B. Rotate terminal so tongue is level with crimp die.

C. Insert properly stripped wire (based on recommendations on package label) into each end of the parallel splice.

D. Squeeze tool handles firmly. *(See Note 2, page D1.82)*

E. An insulation crimp is not required on an insulated parallel splice.


Steps A and B


Steps C and D


Complete Crimp

Insulated and Non-Insulated Butt Splices

A. Locate butt splice in appropriate color-coded crimp die pocket and position crimp halfway between the wire stop (center of splice) and the end of the insulation crimp area. *(See Note 4, page D1.82)*

B. Insert properly stripped wire (based on recommendations on package label) into one end of butt splice.

C. Squeeze tool handles firmly to perform the electrical crimp *(See Note 2, page D1.82)*

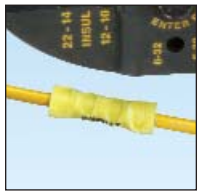
D. Provide second crimp on the flared portion of the insulation housing to close the insulation. Caution: When using plier type crimping tools, do not squeeze as firmly as you did for the electrical crimp. *(See Note 3, page D1.82)*

E. Repeat steps 1 – 4 for opposite end of butt splice. *(See Note 3, page D1.82)*


Steps A and B


Step C


Steps D and E


Complete Crimp

Crimping Guidelines for Panduit® Pan-Term® Terminals, Disconnects, Splices and Wire Joints (continued)

Insulated and Non-Insulated Wire Joints

A. Properly strip wires per manufacturer's recommendations on product package label.

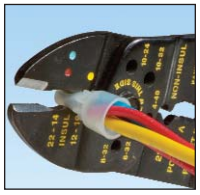
B. Twist stripped wire ends together and insert wires into wire joint.

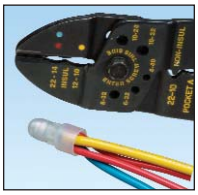
C. Locate wire joint in appropriate wire gauge crimp die pocket and position crimp in the center of the metal insert.

D. Squeeze tool handles firmly to perform the electrical crimp. *(See Note 2 below)*

Note: An insulation crimp is not required on an insulated wire joint.


Steps A and B


Steps C and D


Complete Crimp

NOTES for Crimping with the Preferred Hand Operated Controlled Cycle Crimping Tools:

1. Panduit controlled cycle crimping tools properly locate rings, forks, and barrel insulated disconnects, pins, and blades. No further positioning is required.
2. When using the preferred controlled cycle tool, once a crimp has been started, the ratchet device of controlled cycle tools will not release until the crimp is complete, independent of operator expertise.
3. Controlled cycle tools provide the electrical crimp and the insulation closure in a single cycle of the tool.
4. When using controlled cycle tooling, insulated butt splices must be inserted from the back of the tool to ensure that the electrical and insulation closure crimp pockets are properly aligned with the splice.

5. Perform the electrical crimp using the preferred controlled cycle tool

A. Make sure the terminal barrel is centered correctly in the right die pocket by using the product locator on the backside of the tool.

B. Determine the correct die pocket to use based on the color code of the terminal.

C. Squeeze the handles of the tool until one click is heard; this click indicates the terminal is now held in place securely to insert the wire.

D. Insert the wire and complete cycle to perform the electrical and insulation crimp simultaneously.

E. Crimp is complete.


Step A

Step B

Step C

Step D


Complete Crimp

6. Inspect the crimp

Note: If your crimp looks like any of the examples shown below, cut off the terminal and re-crimp. These crimps would provide a poor connection!


Bent Back Strands


Over Crimp


Rotated Crimp

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

Prime items appear in **BOLD**.

Hand Operated Plier Type Tools

- Installer controlled crimp
- Available with wire stripping and cutting features
- Plier type crimp for #22 – 10 AWG insulated and non-insulated terminal products

CT-260

CT-200

CT-160

CT-100A

Part Number	Part Description	Std. Pkg. Qty.
CT-260	Crimps most Panduit #22 – 10 AWG insulated and non-insulated terminals. Forged steel tool. Cuts wire.	1
CT-200	Forged steel tool. Crimps most Panduit #22 – 10 AWG non-insulated terminals, disconnects and splices. Cuts wire.	1
CT-160	Crimps most Panduit #22 – 10 AWG insulated and non-insulated terminals disconnects and splices. Cuts three U.S. and three metric screw sizes. Cuts and strips wire. Has insulation closure pocket.	1
CT-100A	Crimps most Panduit #22 – 10 AWG insulated and non-insulated terminals, disconnects, and splices. Cuts #4, #6, #8 and #10 screw sizes. Cuts and strips wire. Excellent all-around application tool of heat treated finished steel with comfortable cushioned plastic grip handles.	1

Wire and Cable Stripping Tools

- Strips and cuts #20 – 10 AWG wire
- Lightweight and durable for comfortable long use
- Rust resistant coating included to improve durability of tool

Part Number	Wire Range (O.D.)	Part Description	Std. Pkg. Qty.
CST115	#20 – 10 AWG	Plier nose wire stripper.	1

Contour Crimp™ Controlled Cycle Tools

- Controlled cycle mechanism assures high quality, consistent terminations
- Ergonomic tool design assures operator comfort, safety, and performance
- Polypropylene handles provide chemical resistance and a cushioned, non-slip grip


CT-1525


CT-1550


CT-1551


CT-1570


CT-1700


CT-1701


CT-1014


CT-1015

Part Number	Part Description	Std. Pkg. Qty.
CT-1525	Crimps Panduit #26 – 22 AWG insulated terminals and splices, #22 – 10 AWG fully insulated disconnects and insulated parallel splices. Crimps Panduit #22 – 14 AWG barrel insulated disconnects.	1
CT-1550	Crimps most Pan-Term® #22 – 10 AWG nylon and vinyl insulated terminals, splices, and disconnects. The CT-1550 has the red/blue pocket closest to the pivot which provides a reduced crimp effort for those who make red/blue terminations.	1
CT-1551	Crimps most Pan-Term® #22 – 10 AWG nylon and vinyl insulated terminals, splices, and disconnects. The CT-1551 has the yellow pocket closest to the pivot which provides a reduced crimp effort for those who make yellow terminations.	1
CT-1570	Crimps most Pan-Term® #22 – 10 AWG and .5 – 6.0mm² non-insulated terminals and disconnects. Crimps Panduit #22 – 10 AWG and .5 – 6.0mm² non-insulated splices and #10 AWG compression lugs.	1
CT-1700	Crimps Panduit #8 – 2 AWG non-insulated tubular terminals (S series), #8 – 1 AWG copper code conductor lugs and splices, #8 – 2 AWG copper flex conductor lugs, #6 – 4 AWG dual rated aluminum lugs and splices and CTAPF10-16 to CTAPF3-12 copper taps. Includes 5-position, color coded rotating die.	1
CT-1701	Crimps Panduit #10 – 2 AWG non-insulated large gauge ring terminals (P series), #12 – 4 AWG non-insulated heavy duty ring terminals (P series), and #14 – 10 AWG copper code conductor lugs. Includes 5-position, rotating die.	1
CT-1014	Crimps Panduit #22 – 14 AWG loose piece Disco-Lok™ Disconnects.	1
CT-1015	Crimps Panduit #22 – 14 AWG loose piece Supra-Grip™ Disconnects.	1

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

Prime items appear in **BOLD**.

Controlled Cycle Crimping Tools

- Specialty crimping tools for fully insulated right angle disconnects and heat shrink insulated terminals, disconnects, and splices
- Controlled cycle mechanism assures high quality, consistent terminations

CT-300-1

Part Number	Part Description	Std. Pkg. Qty.
CT-300-1	Crimps Panduit #22 – 14 AWG fully insulated right angle disconnects (DNFR-FIB series).	1
CT-310	Blue handle tool crimps Panduit #22 – 10 AWG heat shrink insulated terminals, disconnects, and splices.	1

Controlled Cycle Crimping Tools – Ferrule End Sleeve

- Specifically designed for the installation of Pan-Term® Ferrules
- Controlled cycle mechanism assures high quality, consistent terminations
- Ergonomic tool design assures operator comfort, safety, and performance
- Multi-position locator facilitates a high quality repeatable crimp

CT-1002

CT-1003

CT-1004

CT-1005

CT-1006

CT-1104

CT-1123

Part Number	Part Description	Std. Pkg. Qty.
CT-1002	Controlled cycle crimp tool with trapezoid profile for #26 – 10 AWG (0.14 – 6.0mm²) insulated and non-insulated single wire ferrules and #22 – 12 AWG (0.50 – 4.0mm²) insulated twin wire ferrules.	1
CT-1003	Controlled cycle crimp tool with trapezoid profile for #22 – 8 AWG (0.50 –10.0mm²) insulated and non-insulated ferrules and #22 – 10 AWG (0.50 – 6.0mm²) insulated twin wire ferrules.	1
CT-1004	Controlled cycle crimp tool with trapezoid profile for #8 – 6 AWG (10.0 – 16.0mm²) insulated and non-insulated ferrules and #10 AWG (6.0mm²) insulated twin wire ferrules.	1
CT-1005	Controlled cycle crimp tool with trapezoid profile for #4 – 2 AWG (26.0 – 35.0mm²) insulated and non-insulated ferrules.	1
CT-1006	Controlled cycle crimp tool with trapezoid profile for #1 AWG (50.0mm²) insulated and non-insulated ferrules.	1
CT-1104	Controlled cycle crimp tool with square profile for #8 – 6 AWG (10.0 – 16.0mm²) insulated and non-insulated ferrules and #10 AWG (6.0mm²) insulated twin wire ferrules.	1
CT-1123	Controlled cycle crimp tool with square profile for #26 – 8 AWG (0.14 – 10.0mm²) insulated and non-insulated ferrules and #22 – 12 AWG (0.50 – 4.0mm²) insulated twin wire ferrules.	1

Semiautomatic Ferrule Crimping Tool CT-1000

- Innovative rapid load design utilizes continuously molded ferrules to significantly reduce installation time
- Controlled cycle tool cuts, strips, and crimps wire to maximize efficiency
- Adjustable die setting allows termination of all Panduit #20 – 14 AWG continuously molded ferrules with a single tool

Part Number	Part Description	Std. Pkg. Qty.
CT-1000	Controlled cycle crimp tool with trapezoid profile for #20 – 14 AWG (0.50 – 2.5mm²) insulated continuously molded ferrules on strips. Also cuts and strips wire.	1

Controlled Cycle Crimping Tools – In-Line

- Military specialty tools help meet military and nuclear test requirements for Class 2 applications
- In-line crimp action for greater dielectric strength with uniform insulation compression
- Calibration-recalibration is possible for maintaining exact crimp dimensions

Part Number	Part Description	Std. Pkg. Qty.
CT-400	Crimps #22 – 14 Panduit insulated terminals, disconnects, and splices. Comes complete with tools for calibration. Has adjustable pre-load and emergency ratchet. Helps meet military and nuclear requirements.	1
CT-460	Crimps #16 – 10 Panduit insulated terminals, disconnects, and splices. Has same features as CT-400 above.	1

For proper crimp head selection, see the tooling selection guide for Panduit terminals, splices, and disconnects on pages D1.90 – D1.92, in this catalog.

Pneumatic Crimping Tool

- Quickly crimps a variety of loose piece terminals in a variety of wire sizes for medium volume production
- Versatile interchangeable crimping heads let you switch terminal types quickly to meet changing production requirements; this tool, when used with only four crimp heads, can crimp a full range of #26 – 10 AWG insulated and non-insulated terminal products
- Portable – the small size, ease of bench mounting and quick pneumatic connection allow the tool to be moved from one work station to another or to the work itself

Part Number	Part Description	Std. Pkg. Qty.
CT-600-A	Pneumatic tool, 6' air hose and carrying case. Does not include crimping heads (ordered separately).	1
CT-500CH	Crimping head for most #22 – 14 insulated terminals, splices, and disconnects.	1
CT-520CH	Crimping head for most #22 – 14 insulated butted seam disconnects and #26 – 22 insulated terminals.	1
CT-550CH	Crimping head for most #22 – 10 insulated terminals and splices.	1
CT-570CH	Crimping head for #22 – 10 non-insulated terminals, splices, and disconnects.	1
PD-600-A	Positioning device (for bench mounting of CT-600-A).	1
FPC-600-A	Foot actuator operating air pressure: 80 – 100 psi .233 SCFM type of air: lubricated. Recommend using Norgren (Brand) #FLR222-012-043008 filter lubricator regulator.	1
K600-A	Update kit for foot pedal control and positioning device to work with new CT-600-A pneumatic crimping tool.	1

For proper crimp head selection, see the tooling selection guide for Panduit terminals, splices, and disconnects on pages D1.90 – D1.92, in this catalog.

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

Prime items appear in **BOLD**.

Die Type, Manual, Crimping Tool

- High quality, durable tool construction provides long term dependability
- Develops 6 tons of crimping force, crimps copper compression lugs and splices up to 500 kcmil
- Provides UL Listed and CSA Certified connections on Panduit copper and aluminum lugs, splices insulated terminals

Part Number	Part Description	Std. Pkg. Qty.
CT-720	Manual crimping tool for UL Listed or Recognized and CSA Certified terminations of Panduit® Pan-Lug™ copper compression lugs and splices for #8 AWG – 500 kcmil copper code conductor and aluminum compression lugs and splices for #6 AWG – 350 kcmil copper and aluminum code conductors. Provides UL Listed terminations of Panduit® Pan-Term® #8 – 2 AWG vinyl insulated terminals. Color-coded CD-720 crimping dies, carrying/storage case, and controlled cycle mechanism must be purchased separately. Specifications: Output: 6 tons Weight: 7.7 lbs. Length: 26" Handle span: 58" (open), 2.5" (closed) Warranty: 90 days	1
CC-720	Optional controlled cycle mechanism only. Total weight of tool with CC-720 is 8.25 lbs.	1
C-720	Black steel carrying case for CT-720 crimping tool.	1

For battery powered crimping tools, see compression connector tools selection guide on pages D3.30 – D3.32.

CD-720 Crimping Dies

- Color-coded for easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection except CD-720PV8-2
- Part number permanently marked on crimping die for easy identification
- Provides 5-sided crimp results in terminations with premium electrical and mechanical performance

CD-720PV8-2

Part Number	Used to Install Panduit Compression Lug and Splice Sizes				Std. Pkg. Qty.
	Copper Conductor Size	Copper Die Color and Die No.	Aluminum Conductor Size	Aluminum Die Color and Die No.	
CD-720-1	#8 – 2 AWG	Red P21 Blue P24 Gray P29 Brown P33	#6 AWG	Gray P29	1
CD-720-2	#1 – 3/0 AWG	Green P37 Pink P42 Black P45 Orange P50	#4 – 1/0 AWG	Green P37 Pink P42 Gold P45 Tan P50	1
CD-720-3	4/0 AWG – 250 kcmil	Purple P54 Yellow P62	2/0 – 3/0 AWG	Olive P54 Ruby P62	1
CD-720-4	300 kcmil	White P66	4/0 AWG	White P66	1
CD-720-5	350 kcmil	Red P71	250 kcmil	Red P71	1
CD-720-6	400 kcmil	Blue P76	300 kcmil	Blue P76	1
CD-720-7	500 kcmil	Brown P87	350 kcmil	Brown P87	1
CD-720PV8-2	#8 – 2 AWG, Vinyl Insulated Pan-Term® Terminals	Red, Blue, Yellow	—	—	1

See pages D3.30 – D3.32 for connector and tool selection information.

CT-2500 Battery Powered Crimping Tool

- Quick two-second crimping cycle results in less time to crimp terminals compared to conventional methods
- Lightweight 3.3 lb. design provides maximum productivity and ease of use in continuous workflow operations
- Interchangeable crimp heads for termination of all Panduit #22 – 10 AWG terminals, disconnects, and splices

CT-2500

CT-2550CH

CT-2500BC

Part Number	Part Description	Std. Pkg. Qty.
Crimping Tools		
CT-2500	Crimps Panduit #22 – 10 AWG insulated and non-insulated terminals, disconnects and splices. Includes tool, two battery cartridges (CT-2500BC), battery charger (CT-2500CHR) and molded carrying case (CT-2500CASE). These parts are also compatible with the CT-2600. Crimp heads not included. Meets U.S. voltage requirements.	1
CT-2500/E	Crimps Panduit #22 – 10 AWG insulated and non-insulated terminals, disconnects and splices. Includes tool, two battery cartridges (CT-2500BC), battery charger (CT-2500CHR/E) and molded carrying case (CT-2500CASE). These parts are also compatible with the CT-2600/E. Crimp heads not included. Meets European voltage requirements.	1
Crimp Head Frames		
CT-2550CH	Crimps Panduit #22 – 10 AWG insulated terminals, disconnects, and splices.	1
CT-2525CH	Crimps Panduit #22 – 10 AWG fully insulated disconnects and insulated parallel splices.	1
CT-2570CH	Crimps Panduit #22 – 10 AWG non-insulated terminals, disconnects, and splices.	1
Die Inserts For Use With CT-2500CH Crimp Head Frame		
CD-525	Die insert used with CT-2500CH (sold separately) to crimp Panduit #22 – 10 AWG fully insulated disconnects and insulated parallel splices.	1
CD-550	Die insert used with CT-2500CH (sold separately) to crimp Panduit #22 – 10 AWG insulated terminals, disconnects, and splices.	1
CD-570	Die insert used with CT-2500CH (sold separately) to crimp Panduit #22 – 10 AWG non-insulated terminals, disconnects, and splices.	1
Accessories		
CT-2500CHR	U.S. compatible battery charger for use with the CT-2500 and the CT-2600.	1
CT-2500CHR/E	European compatible battery charger for use with the CT-2500/E and CT-2600/E.	1
CT-2500BC	Rechargeable tool battery for use with the CT-2500 and CT-2600.	1
CT-2500CASE	Carrying case, holds tool (CT-2500 or CT-2600) and accessories.	1

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

Prime items appear in **BOLD**.

CT-2600 Battery Powered Hydraulic, 4 Ton, Crimping Tool

NEW!

- Battery powered hydraulic design delivers quick termination of #8 – 2 AWG large wire insulated and non-insulated ring terminals
- Quick 4 second crimping cycle results in less time to crimp terminals compared to conventional methods
- Compact, portable, and lightweight (3.5 lbs.) construction allows simple one hand crimp capability
- Ram retracts automatically to signal crimp is complete
- Retractable slide button allows ram to retract in mid-cycle for manual adjustment of terminals
- Snap in crimp die provides quick change of Panduit interchangeable crimp dies without the use of tools
- 360° rotating, crimp head design allows use in limited space areas

CT-2600

CT-2500BC

Part Number	Part Description	Std. Pkg. Qty.
Crimping Tools		
CT-2600	Crimps Panduit tin and nickel plated #8 – 2 AWG high temperature large wire, non-insulated, vinyl and KYNAR■ insulated ring terminals. Includes tool with crimp head, two battery cartridges (CT-2500BC), battery charger (CT-2500CHR) and molded carrying case (CT-2500CASE). These parts are also compatible with the CT-2500. Crimp dies not included. Meets U.S. voltage requirements.	1
CT-2600/E	Crimps Panduit tin and nickel plated #8 – 2 AWG high temperature large wire, non-insulated, vinyl and KYNAR■ insulated ring terminals. Includes tool with crimp head, two battery cartridges (CT-2500BC), battery charger (CT-2500CHR/E) and molded carrying case (CT-2500CASE). These parts are also compatible with the CT-2500/E. Crimp dies not included. Meets European voltage requirements.	1
Crimp Die Inserts		
CD-2600-P8	Used with CT-2600 to install Panduit P8 and P8-RHT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P6	Used with CT-2600 to install Panduit P6 and P6-RHT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P4	Used with CT-2600 to install Panduit P4 and P4-RHT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P2	Used with CT-2600 to install Panduit P2 and P2-RHT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-PV8	Used with CT-2600 to install Panduit PV8 and PK8 series large wire, vinyl and KYNAR■ insulated ring terminals.	1
CD-2600-PV6	Used with CT-2600 to install Panduit PV6 and PK6 series large wire, vinyl and KYNAR■ insulated ring terminals.	1
CD-2600-PV4	Used with CT-2600 to install Panduit PV4 and PK4 series large wire, vinyl and KYNAR■ insulated ring terminals.	1
CD-2600-PV2	Used with CT-2600 to install Panduit PV2 and PK2 series large wire, vinyl and KYNAR■ insulated ring terminals.	1
Accessories		
CT-2500CHR	U.S. compatible battery charger for use with the CT-2500 and the CT-2600.	1
CT-2500CHR/E	European compatible battery charger for use with the CT-2500/E and CT-2600/E.	1
CT-2500BC	Rechargeable tool battery for use with the CT-2500 and CT-2600.	1

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

Tooling Selection Guide for Panduit Terminals, Splices, and Disconnects

Panduit Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.)	Plier Tools				Controlled Cycle Hand Tools														Crimp Heads for Pneumatic CT-600-A Tool			
				CT-100A	CT-160	CT-200	CT-260	CT-720	CT-300-1	CT-310	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500	CT-2600	CT-500CH	CT-520CH	CT-550CH	CT-570CH
BS	Non-insulated butt splices	26-22	1/4	X	X																				
		22-18	9/32	X	X	X	X											X		X					X
		16-14	9/32	X	X	X	X											X		X					X
		12-10	9/32	X	X	X	X											X	X	X					X
BSH	Heat shrink splices	22-18	5/16							X															
		16-14	5/16							X															
		12-10	5/16							X															
BSN	Nylon insulated butt splices	26-22	1/4	X																			X		
		22-18	9/32	X			X				X					X	X			X		X			
		16-14	9/32	X	X		X				X	X				X	X			X		X			
		12-10	9/32	X	X		X					X				X	X			X				X	
BSV	Vinyl insulated butt splices	22-18	5/16	X	X		X				X					X	X			X		X		X	
		16-14	5/16	X	X		X				X	X				X	X			X		X		X	
		12-10	5/16	X	X		X					X				X	X			X				X	
D, DR	Non-insulated sleeved barrel disconnects (includes right angle disconnects)	22-18	9/32	X	X	X	X											X		X					X
		16-14	9/32	X	X	X	X											X		X					X
		12-10	9/32	X	X	X	X											X	X	X					X
D-M	Non-insulated male blade adapters	22-18	9/32	X	X	X	X											X		X					X
		16-14	9/32	X	X	X	X											X		X					X
D-M	Non-insulated male disconnects	12-10	9/32	X		X	X											X	X	X					X
D-MB, DR-B	Non-insulated right angle female disconnects and non-insulated male butted seam disconnects	22-18	9/32	X	X	X	X																		
		16-14	9/32	X	X	X	X																		
DNF	Nylon, funnel entry, barrel insulated disconnects (not .110/.111)	22-18	9/32		X		X				X											X			
		16-14	9/32		X		X				X	X				X	X			X		X		X	
DNF-110, DNF-111	Nylon, funnel entry barrel insulated disconnects, 110/.111 tab size	22-18	7/32	X											X					X		X	X		
		16-14	9/32		X											X	X			X					
DNF-FI	Nylon, fully insulated disconnects	22-18	9/32	X	X		X									X	X			X		X		X	
		16-14	9/32	X	X		X									X	X			X		X		X	
		12-10	3/8	X	X		X					X				X	X			X				X	
DPF-FI	Premium nylon, fully insulated disconnects	12-10	3/8	X	X		X					X				X	X			X				X	
DNF-FIB, DNF-FIM, DNF-FIMB, DPF-FIB, DPF-FIMB, DNF-LPB, DPF-LPB	Nylon and premium grade nylon, fully insulated, funnel entry, male/female couplers (not .110/.111)	22-18	9/32	X											X					X			X		
		16-14	9/32	X											X					X			X		
		12-10	3/8												X					X					
DNF-FIB, DPF-FIB	Nylon and premium grade nylon, fully insulated, funnel entry disconnects, 110/.111 tab size	22-18	7/32	X											X					X			X		
DNF-FIBX	Nylon, expanded wire entry fully insulated	22-18	X	X																					
		16-14	X	X																					

Tool/product approved combinations indicated on individual product pages.

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

Prime items appear in **BOLD**.

Tooling Selection Guide for Panduit Terminals, Splices, and Disconnects (continued)

Panduit Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.)	Plier Tools				Controlled Cycle Hand Tools														Crimp Heads for Pneumatic CT-600-A Tool			
				CT-100A	CT-160	CT-200	CT-260	CT-720	CT-300-1	CT-310	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500	CT-2600	CT-500CH	CT-520CH	CT-550CH	CT-570CH
DNF-M	Nylon insulated, funnel entry, barrel insulated, male disconnects	22-18	9/32	X	X		X									X	X			X		X		X	
		16-14	9/32	X	X		X									X	X			X		X		X	
		12-10	9/32	X	X		X					X				X	X			X				X	
DNFR-B	Nylon pre-insulated, right angle disconnects	22-18	9/32	X											X					X					
		16-14	9/32	X											X					X					
DNFR-FIB	Nylon butted seam, right angle disconnects	22-18	11/32						X																
		16-14	11/32						X																
DNG-FB	Supra Grip™ Nylon, Fully Insulated Disconnects (except DNG14-187FB and DNG14-188FB)	22-18	1/4											X											
		16-14	1/4											X											
DNG-FL	Disco-Lok™ Nylon, Fully Insulated Disconnects	22-18	1/4										X												
		16-14	1/4										X												
DNH	Heat shrink disconnects	22-18	5/16							X															
		16-14	5/16							X															
		12-10	5/16							X															
DV	Vinyl barrel insulated sleeved disconnects	12-10	9/32	X												X	X			X				X	
DV-B	Vinyl insulated, butted seam disconnects	22-18	1/4	X											X					X			X		
		16-14	1/4	X											X					X			X		
DV-M	Vinyl barrel insulated male blade adapters	22-18	9/32	X	X		X				X					X	X			X		X		X	
		16-14	9/32	X	X		X				X	X				X	X			X		X		X	
DV-M	Vinyl insulated male disconnects	12-10	9/32	X			X																	X	
DV-MB	Vinyl insulated butted seam male disconnects	22-18	9/32	X							X				X					X		X		X	
		16-14	9/32	X							X	X			X					X		X		X	
DV-P	Vinyl insulated piggyback disconnects	22-18	1/4	X	X		X									X	X			X		X		X	
		16-14	1/4	X	X		X									X	X			X		X		X	
DVF	Vinyl funnel entry barrel insulated female disconnect	22-18	9/32													X	X			X		X		X	
		16-14	9/32													X	X			X		X		X	
J	Non-insulated wire joints																								
	J214-312	14-12	1/2	X		X																			
	J318-412	18-12	1/2	X		X																			
	J216-410	16-10	3/4			X																			
JN	Nylon insulated wire joints																								
	JN224-318	24-16	7/16	X	X		X				X					X	X			X		X		X	
	JN218-216	22-16	7/16	X	X						X					X	X			X		X		X	
	JN418-212	18-12	1/2	X	X							X				X	X			X				X	
	JN314-412	14-12	5/8		X																				
P-HDR	Non-insulated heavy duty rings	16-12	9/32	X		X	X											X	X	X					X
P-P	Non-insulated pin terminals	22-18	9/32	X	X	X	X											X		X					X
		16-14	9/32	X	X	X	X											X		X					X
		12-10	9/32	X	X	X	X											X	X	X					X
P-R	Non-insulated large ring terminals	8	3/8																X						
		6	7/16																X						
		4	1/2																X						
		2	1/2																X						

Tool/product approved combinations indicated on individual product pages.

Table continues on page D1.92

Tooling Selection Guide for Panduit Terminals, Splices, and Disconnects (continued)

Panduit Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.) [+1/32;-0]	Plier Tools				Controlled Cycle Hand Tools												Crimp Heads for Pneumatic CT-600-A Tool			
				CT-100A	CT-160	CT-200	CT-260	CT-720	CT-300-1	CT-310	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500	CT-2600	CT-500CH	CT-520CH	CT-550CH	CT-570CH
P-R, P-F, P-LF, P-SLF, P-FF	Non-insulated rings, forks, locking forks, short locking forks, flanged forks	26-22	3/16	X		X	X																		
		22-18	9/32	X	X	X	X											X		X					X
		16-14	9/32	X	X	X	X											X		X					X
		12-10	9/32	X	X	X	X											X	X	X					X
P-RHT6	High temperature rings	22-18	9/32	X	X	X	X											X		X					X
		16-14	9/32	X	X	X	X											X		X					X
		12-10	9/32	X	X	X	X											X	X	X					X
		8	3/8																		X				
		6	7/16																		X				
		4	1/2																		X				
		2	1/2																		X				
PH	Heat shrink terminals	22-18	5/16							X															
		16-14	5/16							X															
		12-10	5/16							X															
PN-R, PN-RX, PN-F, PN-LF, PN-FF, PNF-R, PNF-F, PNF-LF	Nylon and nylon funnel entry forks, locking forks, flanged forks (includes expanded insulation)	26-22	3/16	X											X					X					
		22-18	7/32	X							X					X	X			X		X		X	
		16-14	7/32	X							X	X				X	X			X		X		X	
		12-10	9/32	X								X				X	X			X				X	
PN-HDR, PN-HDRX	Nylon insulated heavy duty and nylon expanded insulated heavy duty rings	16-12	9/32									X				X	X			X				X	
PN-SLF, PNF-SLF	Nylon insulated short locking forks	22-18	7/32								X					X	X			X		X		X	
		16-14	7/32								X	X				X	X			X		X		X	
		12-10	9/32									X				X	X			X				X	
PS	Non-insulated parallel splices	22-18	5/16	X		X	X																		
		20-16	5/16	X		X	X																		
		14-12	7/16	X		X	X																		
PSN	Nylon insulated parallel splices	22-18	5/16												X					X			X		
		20-16	5/16	X	X		X								X					X			X		
		14-12	7/16												X					X				X	
PK-R	KYNAR■ rings	22-18	7/32	X			X				X					X	X			X		X		X	
		16-14	7/32	X			X				X					X	X			X		X		X	
		12-10	9/32	X												X	X			X				X	
		8	3/8																		X				
		6	7/16																		X				
		4	1/2																		X				
		2	1/2																		X				
PV-HDR, PV-HDRX	Vinyl insulated heavy duty rings	16-12	5/16									X				X	X			X				X	
PV-LF, PV-LFX	Vinyl insulated locking forks (includes expanded insulation)	22-18	5/16	X			X				X					X	X			X		X		X	
		16-14	5/16	X							X	X				X	X			X		X		X	
		12-10	5/16	X		X						X				X	X			X				X	
PV-P	Vinyl insulated pin terminals	22-18	5/16	X	X		X									X	X			X		X		X	
		16-14	5/16	X	X		X									X	X			X		X		X	
		12-10	5/16	X	X		X									X	X			X				X	
PV-R, PV-F, PV-FF, PV-RX, PV-FX	Vinyl insulated rings and forks (includes expanded insulation)	26-22	3/16	X											X					X					
		22-18	5/16	X	X		X				X					X	X			X		X		X	
		16-14	5/16	X	X		X				X	X				X	X			X		X		X	
		12-10	5/16	X	X		X					X				X	X							X	
PV-R, PV-RX	Vinyl insulated large ring terminals	8	3/8					X‡																	
		6	7/16					X‡																	
		4	1/2					X‡																	
		2	1/2					X‡												X					
PV-SLF	Vinyl insulated short locking forks	22-18	5/16								X					X	X			X				X	
		16-14	5/16								X	X				X	X			X				X	
		12-10	5/16													X	X							X	

■KYNAR is a registered trademark of Atonfina Chemicals, Inc.
‡Use Die CD-720PV8-2.

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

Prime items appear in **BOLD**.

Tooling Selection Guide for Panduit Tubular Ring Terminals

Tooling	CT-1700	CT-720	CT-930, CT-930CH, CT-920, CT-920CH, CT-2920, CT-940CH	CT-980, CT-980CH, CT-2950, CT-2980	CT-2001
Panduit Part Number	Panduit Die Part Number Die Index Number (Number of Crimps)				
S8-10R-Q	P21 (2)	CD-720-1 P21 (1)	CD-920-8 P21 (1)	—	CD-2001-8 P21 (1)
S8-14R-Q					
S8-56R-Q					
S8-38R-Q					
S6-10R-E	P24 (2)	CD-720-1 P24 (1)	CD-920-6 P24 (1)	—	CD-2001-6 P24 (1)
S6-14R-E					
S6-56R-E					
S6-38R-E					
S4-10R-E	P29 (2)	CD-720-1 P29 (1)	CD-920-4 P28 (1)	STD (1)	CD-2001-4 P29 (1)
S4-14R-E					
S4-56R-E					
S4-38R-E					
S2-10R-X	P37 (3)	CD-720-2 P37 (1)	CD-920-1 P37 (1)	STD (1)	CD-2001-1 P37 (1)
S2-14R-X					
S2-56R-X					
S2-38R-X					
S2-12R-X					
S1/0-14R-X	—	CD-720-2 P42 (1)	CD-920-1/0 P42 (1)	STD (1)	CD-2001-1/0 P42 (1)
S1/0-56R-X					
S1/0-38R-X					
S1/0-12R-X					
S2/0-14R-X	—	CD-720-2 P45 (2)	CD-920-2/0 P45 (1)	STD (1)	CD-2001-2/0 P45 (2)
S2/0-56R-X					
S2/0-38R-X					
S2/0-76R-X					
S2/0-12R-X					
S3/0-14R-5	—	CD-720-2 P50 (2)	CD-920-3/0 P50 (1)	STD (1)	CD-2001-3/0 P50 (2)
S3/0-56R-5					
S3/0-38R-5					
S3/0-76R-5					
S3/0-12R-5					
S4/0-38R-5	—	CD-720-3 P54 (2)	CD-920-4/0 P54 (1)	STD (1)	CD-2001-4/0 P54 (2)
S4/0-76R-5					
S4/0-12R-5					
S250-56R-5	—	CD-720-3 P62 (2)	CD-920-250 P62 (1)	STD (1)	CD-2001-250 P62 (2)
S250-38R-5					
S250-76R-5					
S250-12R-5					

Tooling Selection Guide for Panduit Ferrules

					Controlled Cycle Hand Tools							
Panduit Ferrule Series	**Ferrule Description**	**Wire Range (AWG)**	**Wire Range (mm^2)**	**Wire Strip Length**	**CT-1000**	**CT-1002**	**CT-1003**	**CT-1004**	**CT-1005**	**CT-1006**	**CT-1104**	**CT-1123**
F	Non-insulated ferrules	24	0.25	Please See Ferrule Tables – Pgs. D1.73 – D1.77		X	X					
		22 – 18	0.50 – 1.00			X	X					X
		16	1.50			X	X					X
		14	2.50			X	X					
		12	4.00			X	X					X
		10	6.00			X	X					X
		8	10.0				X	X				X
		6	16.0				X	X			X	
		4 – 2	25.0 – 35.0						X		X	
		1	50.0							X		
FSD, FSF	Insulated single wire ferrules (DIN or French color code)	26 – 18	0.41 – 1.00			X	X					X
		16 – 14	1.50 – 2.00			X	X					X
		12 – 10	4.00 – 6.00			X	X					X
		8	10.0				X	X			X	X
		6	16.0				X	X			X	
		4 – 2	25.0 – 35.0						X			
		1	50.0							X		
FTD	Insulated twin wire ferrules	22 – 18	0.50 – 1.00			X	X					X
		16 – 14	1.50 – 2.00			X	X					X
		12	4.00				X	X				X
		10	6.00				X	X			X	
FSD-DSL FS-DSL	Insulated single wire ferrules on strips of 50 (DIN or other color code)	20 – 14	0.50 – 2.50	0.31" (8mm)	X							

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

Prime items appear in **BOLD**.

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	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 .187", .205", .250" tab widths) and (.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
CERTIFIE	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
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, RV-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
IEEE	IEEE (Institue of Electrical and Electronics Engineers)	IEEE std 323-2003 for Qualifing Class 1E Eqpt. for Nuclear Power Generating Stations	Meets criteria for use in harsh,high radiation environments in nuclear power plants	▪Kynar Ring Terminals
	Dept. of Defense	Mil Spec Qualification Test Ref #01017302.AB/08-31-2006	Approved for listing on QPL AS 7928 Class I and Class II	Ring Terminals

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

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.

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.

	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 .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 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.

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**

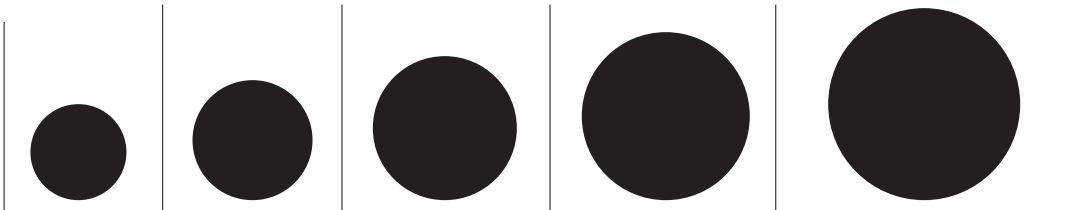
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Stud Size Chart (Inches/Millimeters)

Standard Stud Size	#2	#4	#5	#6	#8	#10	1/4"	5/16"	3/8"	7/16"
Metric Stud Size (mm)	M2	M2.5	M3	M.35	M4	M5	M6	M8	M10	M11
Stud Size Decimal Equivalent	.086"	.112"	.127"	.138"	.164"	.190"	.250"	.312"	.375"	.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	.090"	.118"	.130"	.147"	.173"	.204"	.270"	.343"	.392"* .406"**	.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	.500"	.625"	.750"	.875"	1.00"
Metric Diameter (mm)	12.7	15.88	19.05	22.23	25.4
Terminal Hole Diameter	.531"	.656"	.810"	.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.

Equivalent Tables

Decimal/Inches/Millimeters

1/64	.0156	0,396
1/32	0.312	0,792
3/64	.0468	1,189
1/16	.0625	1,588
5/64	.0781	1,984
3/32	.0937	2,380
7/64	.1093	2,779
1/8	.125	3,175
9/64	.1406	3,571
5/32	.1562	3,968
11/64	.1718	4,366
3/16	.1875	4,763
13/64	.2031	5,159
7/32	.2187	5,555
15/64	.2343	5,954
1/4	.25	6,350
17/64	.2656	6,746
9/32	.2812	7,143
19/64	.2968	7,541
5/16	.3125	7,938
21/64	.3281	8,337
11/32	.3437	8,730
23/64	.3593	9,129
3/8	.375	9,525
25/64	.3906	9,921
13/32	.4062	10,317
27/64	.4218	10,716
7/16	.4375	11,113
29/64	.4531	11,509
15/32	.4687	11,905
31/64	.4843	12,304
1/2	.5	12,700
33/64	.5156	13,100
17/32	.5312	13,492
35/64	.5468	13,891
9/16	.5625	14,288
37/64	.5781	14,684
19/32	.5937	15,080
39/64	.6093	15,479
5/8	.625	15,875
41/64	.6406	16,271
21/32	.6562	16,667
43/64	.6718	17,066
11/16	.6875	17,463
45/64	.7031	17,859
23/32	.7187	18,255
47/64	.7343	18,654
3/4	.75	19,050
49/64	.7656	19,446
25/32	.7812	14,842
51/64	.7968	20,241
13/16	.8125	20,637
53/64	.8281	21,034
27/32	.8437	21,480
55/64	.8593	21,828
7/8	.875	22,225
57/64	.8906	22,620
29/32	.9062	23,017
59/64	.9218	23,416
15/16	.9375	23,810
61/64	.9531	24,208
31/32	.9687	24,605
63/64	.9843	25,001
1	1.	25,400

Common Conductor Size Chart (Stranded Wire)

Size	No. of Strands	Individual Strand Size	Conductor Size	
		Inches (mm)	Inches (mm)	Circle Mil Area (mm²)
22 AWG	7	.0096 (0.24)	.029 (0.74)	640 (0.324)
20 AWG	10	.0100 (0.25)	.038 (0.97)	1020 (0.519)
18 AWG	16	.0100 (0.25)	.048 (1.22)	1620 (0.823)
16 AWG	26	.0100 (0.25)	.060 (1.52)	2580 (1.310)
14 AWG	7	.0242 (0.61)	.073 (1.85)	4110 (2.080)
12 AWG	7	.0305 (0.77)	.092 (2.34)	6530 (3.310)
10 AWG	7	.0385 (0.98)	.116 (2.95)	10,380 (5.261)
8 AWG	7	.0486 (1.23)	.146 (3.71)	16,510 (8.367)
6 AWG	7	.0612 (1.55)	.184 (4.67)	26,240 (13.30)
4 AWG	7	.0772 (1.96)	.232 (5.89)	41,740 (21.15)
2 AWG	7	.0974 (2.47)	.292 (7.42)	66,360 (33.62)
1 AWG	19	.0664 (1.69)	.332 (8.43)	83,690 (42.41)

Size	No. of Strands	Individual Strand Size	Conductor Size	
		Inches (mm)	Inches (mm)	Circle Mil Area (mm²)
1/0 AWG	19	.0745 (1.89)	.373 (9.47)	105,600 (0.823)
2/0 AWG	19	.0837 (2.13)	.418 (10.62)	133,100 (67.43)
3/0 AWG	19	.0940 (2.39)	.470 (11.94)	167.800 (85.01)
4/0 AWG	19	.1055 (2.68)	.528 (13.41)	211,600 (107.2)
250 kcmil	37	.0822 (2.09)	.575 (14.61)	250,000 (127)
300 kcmil	37	.0900 (2.29)	.630 (16.00)	300,000 (152)
350 kcmil	37	.0973 (2.47)	.681 (17.29)	350,000 (177)
400 kcmil	37	.1040 (2.64)	.728 (18.49)	400,000 (203)
500 kcmil	37	.1162 (2.95)	.813 (20.65)	500,000 (253)
600 kcmil	61	.0992 (2.52)	.893 (22.68)	600,000 (304)
750 kcmil	61	.1109 (2.82)	.998 (25.35)	750,000 (380)
800 kcmil	61	.1145 (2.91)	1.031 (26.19)	800,000 (405)
1000 kcmil	61	.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	0.03	635			19	0.38	0.014	1.85	0.073	3831
		26	0.13	0.005	0.76	0.03	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	0.8	0.031	752			7	0.67	0.026	2.10	0.083	4871
		100	0.07	0.003	0.8	0.031	760			35	0.30	0.012	2.20	0.087	4883
		7	0.27	0.011	0.8	0.031	791			315	0.10	0.004	2.20	0.087	4883
		12	0.21	0.008	0.8	0.031	820			1	1.78	0.070	1.78	0.070	4911
		21	0.16	0.006	0.8	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 page D1.100)

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	0.008	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.

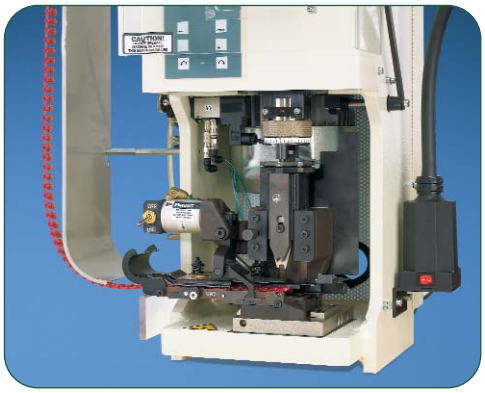
AWG to Metric Wire Crosses	
AWG	Metric (mm²)
26 – 22	**0.1 – 0.5**
22 – 18	**0.5 – 1.0**
16 – 14	**1.5 – 2.5**
12 – 10	**4.0 – 6.0**

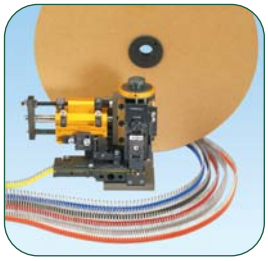
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

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.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel Ties
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power Connectors
D3. Grounding Connectors
E1. Labeling Systems
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Permanent Identification
E5. Lockout/ Tagout & Safety Solutions
F. Index

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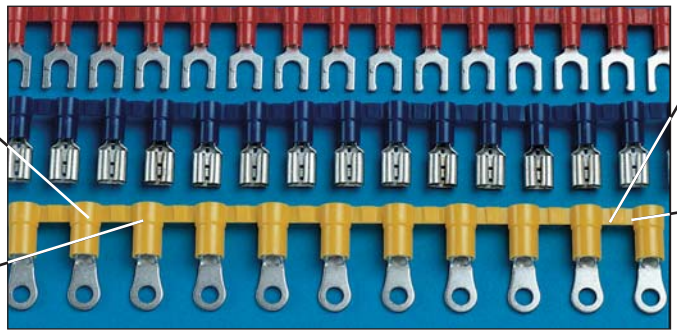
Features and Benefits – Reel Smart™ Termination System

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

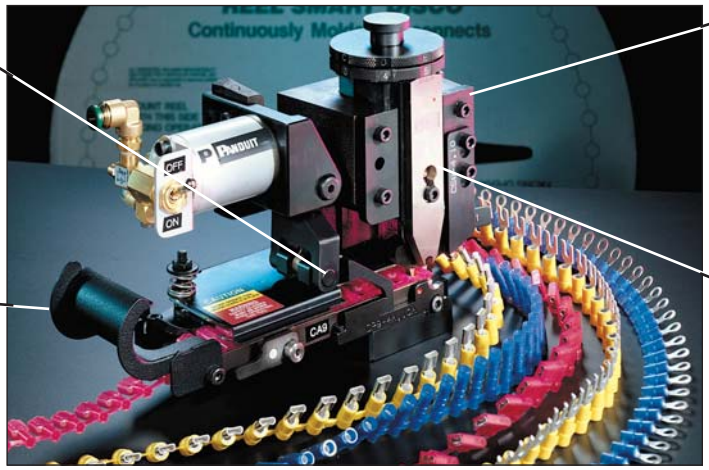
Barrel position is controlled for consistent wire feed targeting to deliver high process capability

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)

Prime items appear in **BOLD**.

Part Number System for Reel Smart™ Terminals

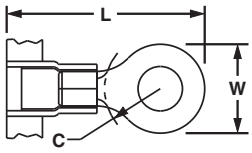
P	NF	14	—	6	R	N	3K
Type	**Insulation**	**Wire Range**		**Stud Size**	**Tongue Configuration**	**Special Configuration**	**Std. Pkg. Size**
P = Terminal BS = Butt Splice	N = Nylon Insulated NF = Nylon Insulated Funnel Entry V = Vinyl Insulated	18 = #22 – 18 14 = #16 – 14 12 = #16 – 12 10 = #12 – 10		4 = #4 5 = #5 6 = #6 8 = #8 10 = #10 14 = 1/4" 56 = 5/16" 38 = 3/8"	R = Ring HDR = Heavy Duty Ring F = Fork FF = Fanged Fork LF = Locking Fork SLF = Short Locking Fork	N = Narrow Tongue W = Wide Tongue B = Butted Seam = Standard (leave blank)	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 94V-2/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 Dimension (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					#6	0.74	0.22	0.18			3000
PN18-6R-3K					#6	0.78	0.25	0.22			3000
PN18-8R-3K					#8	0.86	0.31	0.25			3000
PN18-10R-3K					#10	0.86	0.31	0.25			3000
PN18-14R-3K					1/4"	1.05	0.45	0.38			3000
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					#6	0.76	0.25	0.22			3000
PN14-6R-3K					#6	0.86	0.31	0.25			3000
PN14-8R-3K					#8	0.86	0.31	0.25			3000
PN14-10R-3K					#10	0.86	0.31	0.25			3000
PN14-14R-3K					1/4"	1.06	0.44	0.38			3000
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					#8	1.06	0.38	0.31			2000
PN10-10R-2K					#10	1.06	0.38	0.31			2000
PN10-14R-2K					1/4"	1.21	0.52	0.38			2000
PN10-56R-2K					5/16"	1.21	0.52	0.38			2000
PN10-38R-2K					3/8"	1.29	0.58	0.43			2000

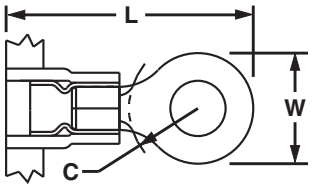
For applicator information, see page D1.143.

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 94V-2/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					#4	0.78	0.25	0.21			3000
PNF18-6RN-3K					#6	0.74	0.22	0.16			3000
PNF18-6R-3K					#6	0.78	0.25	0.21			3000
PNF18-8R-3K					#8	0.86	0.31	0.25			3000
PNF18-10R-3K					#10	0.86	0.31	0.25			3000
PNF18-14R-3K					1/4"	1.06	0.46	0.38			3000
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					#6	0.78	0.25	0.18			3000
PNF14-6R-3K					#6	0.87	0.31	0.24			3000
PNF14-8R-3K					#8	0.87	0.31	0.25			3000
PNF14-10R-3K					#10	0.85	0.31	0.29			3000
PNF14-14R-3K					1/4"	1.06	0.46	0.40			3000
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					#8	1.06	0.38	0.31			2000
PNF10-10R-2K					#10	1.06	0.38	0.31			2000
PNF10-14R-2K					1/4"	1.21	0.52	0.38			2000
PNF10-56R-2K					5/16"	1.21	0.52	0.38			2000
PNF10-38R-2K					3/8"	1.29	0.58	0.43			2000

For applicator information, see page D1.143.

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

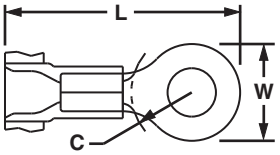
Prime items appear in **BOLD**.

Ring Terminals, Vinyl Insulated – Funnel Entry

LISTED CERTIFIED

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.) L	W	C	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
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					#4	0.78	0.25	0.20			3000
PV18-6RNB-3K					#6	0.75	0.23	0.19			3000
PV18-6RB-3K					#6	0.78	0.25	0.20			3000
PV18-8RB-3K					#8	0.86	0.31	0.25			3000
PV18-10RB-3K					#10	0.86	0.31	0.25			3000
PV18-14RB-3K					1/4"	1.06	0.45	0.38			3000
PV18-56RB-2K					5/16"	1.06	0.46	0.38	CD9-1B		2000
PV18-38RB-2K					3/8"	1.15	0.53	0.43			2000
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					#6	0.76	0.25	0.22			3000
PV14-6RB-3K					#6	0.86	0.31	0.25			3000
PV14-8RB-3K					#8	0.86	0.31	0.25			3000
PV14-10RB-3K					#10	0.86	0.31	0.25			3000
PV14-14RB-3K					1/4"	1.05	0.45	0.38			3000
PV14-56RB-2K					5/16"	1.06	0.46	0.38	CD9-2B		2000
PV14-38RB-2K					3/8"	1.15	0.53	0.43			2000
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					#8	1.02	0.31	0.31			2000
PV10-10RB-2K					#10	1.02	0.31	0.31			2000
PV10-14RB-2K					1/4"	1.20	0.52	0.38			2000
PV10-56RB-2K					5/16"	1.20	0.52	0.38			2000
PV10-38RB-2K					3/8"	1.23	0.58	0.38			2000

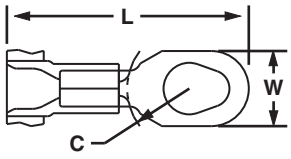
For applicator information, see page D1.143.

Multiple Stud Ring Terminals, Vinyl Insulated – Funnel Entry

LISTED CERTIFIED

Type PV-610RB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Teardrop shaped mounting hole of multiple stud terminals permits use with #6, #8, or #10 size studs
- 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.) L	W	C	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
PV18-610RB-3K	22 – 18 AWG	Red	0.03	0.150	#6, #8, #10	0.95	0.31	0.25	CD9-1A	CD-800-1	3000
PV14-610RB-3K	16 – 14 AWG	Blue	0.03	0.170		0.95	0.31	0.25	CD9-2A	CD-800-2	3000
PV10-610RB-2K	12 – 10 AWG	Yellow	0.04	0.225		1.17	0.37	0.31	CD9-3B	CD-800-3	2000

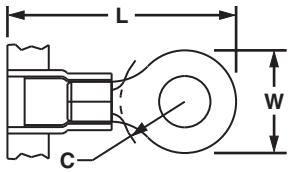
For applicator information, see page D1.143.

Ring Terminals, Nylon Insulated – Heavy Duty

LISTED CERTIFIED

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 94V-2/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
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					#8	1.02	0.31	0.31			2000
PN12-10HDR-2K					#10	1.05	0.38	0.31			2000
PN12-14HDR-2K					1/4"	1.20	0.52	0.38			2000
PN12-56HDR-2K					5/16"	1.20	0.52	0.38			2000
PN12-38HDR-2K					3/8"	1.28	0.58	0.38			2000

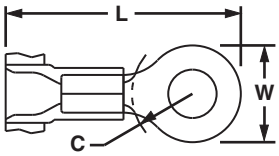
For applicator information, see page D1.143.

Ring Terminals, Vinyl Insulated – Heavy Duty

LISTED CERTIFIED

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.) L	W	C	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
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					#8	1.03	0.31	0.36			2000
PV12-10HDRB-2K					#10	1.06	0.37	0.36			2000
PV12-14HDRB-2K					1/4"	1.23	0.52	0.43			2000
PV12-56HDRB-2K					5/16"	1.23	0.52	0.43			2000
PV12-38HDRB-2K					3/8"	1.30	0.58	0.48			2000

For applicator information, see page D1.143.

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

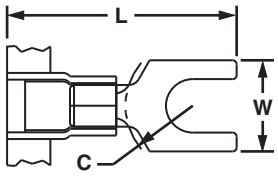
Prime items appear in **BOLD**.

Fork Terminals, Nylon Insulated – Non-Funnel Entry

LISTED CERTIFIED

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 94V-2/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					#6	0.78	0.30	0.20			3000
PN18-8F-3K					#8	0.84	0.32	0.23			3000
PN18-10FN-3K					#10	0.86	0.31	0.25			3000
PN18-10F-3K					#10	0.86	0.35	0.25			3000
PN18-14F-3K					1/4"	1.03	0.44	0.33			3000
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					#6	0.78	0.28	0.19			3000
PN14-8F-3K					#8	0.84	0.31	0.23			3000
PN14-10FN-3K					#10	0.86	0.31	0.24			3000
PN14-10F-3K					#10	0.86	0.34	0.24			3000
PN14-14F-3K					1/4"	1.03	0.44	0.32			3000
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					#8	1.03	0.37	0.24			2000
PN10-10F-2K					#10	1.04	0.37	0.24			2000
PN10-14F-2K					1/4"	1.14	0.49	0.32			2000

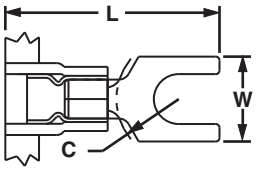
For applicator information, see page D1.143.

Fork Terminals, Nylon Insulated – Funnel Entry

LISTED CERTIFIED

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 94V-2/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	0.24	0.19	CD9-1A	CD-800-1	3000
PNF18-6FN-3K					#6	0.78	0.30	0.19			3000
PNF18-8F-3K					#8	0.83	0.32	0.22			3000
PNF18-10F-3K					#10	0.85	0.35	0.24			3000
PNF18-14F-3K					1/4"	1.02	0.44	0.33			3000
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					#6	0.78	0.28	0.19			3000
PNF14-8F-3K					#8	0.84	0.31	0.23			3000
PNF14-10F-3K					#10	0.86	0.34	0.24			3000
PNF14-14F-3K					1/4"	1.03	0.44	0.32			3000
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					#8	1.02	0.37	0.24			2000
PNF10-14F-2K					1/4"	1.13	0.49	0.32			2000

*Not UL Listed or CSA Certified.

For applicator information, see page D1.143.

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

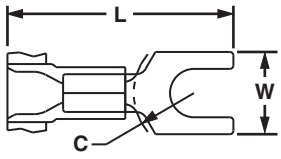
Prime items appear in **BOLD**.

Fork Terminals, Vinyl Insulated – Funnel Entry

LISTED CERTIFIED

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	0.25	0.20	CD9-1A	CD-800-1	3000
PV18-6FNB-3K					#6	0.78	0.30	0.20			3000
PV18-8FB-3K					#8	0.84	0.32	0.23			3000
PV18-10FB-3K					#10	0.86	0.35	0.25			3000
PV18-14FB-3K					1/4"	1.03	0.44	0.33			3000
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*					#6	0.78	0.28	0.19			3000
PV14-8FB-3K					#8	0.84	0.31	0.23			3000
PV14-10FB-3K					#10	0.86	0.31	0.24			3000
PV14-10FNB-3K*					#10	0.86	0.34	0.24			3000
PV14-14FB-3K					1/4"	1.03	0.44	0.32			3000
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					#8	1.00	0.38	0.22			2000
PV10-10FB-2K					#10	1.04	0.38	0.22			2000
PV10-14FB-2K					1/4"	1.13	0.49	0.32			2000

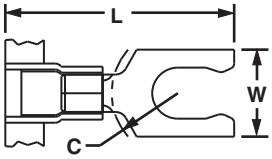
*CSA Certified only.

For applicator information, see page D1.143.

Locking Fork Terminals, Nylon Insulated – Non-Funnel Entry

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



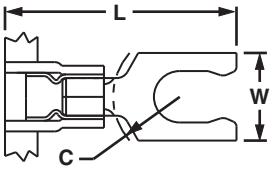
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
PN18-6LF-3K	22 – 18 AWG	Red	0.03	0.145	#6	0.82	0.27	0.19	CD9-1A	CD-800-1	3000
PN18-8LF-3K					#8	0.89	0.29	0.23			3000
PN18-10LF-3K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

For applicator information, see page D1.143.

Locking Fork Terminals, Nylon Insulated – Funnel Entry

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 94V-2/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
PNF18-6LF-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					#6	0.85	0.29	0.19			3000
PNF18-8LF-3K					#8	0.89	0.29	0.23			3000
PNF18-10LF-3K					#10	0.89	0.33	0.23			3000
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					#8	0.92	0.29	0.23			3000
PNF14-10LFN-3K					#10	0.92	0.28	0.23			3000
PNF14-10LF-3K					#10	0.92	0.33	0.23			3000
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					#8	1.05	0.30	0.21			2000
PNF10-10LF-2K					#10	1.05	0.34	0.21			2000
PNF10-14LF-2K					1/4"	1.19	0.46	0.32			2000

For applicator information, see page D1.143.

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

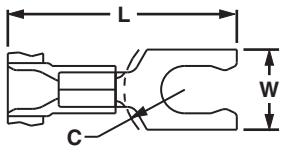
Prime items appear in **BOLD**.

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					#6	0.83	0.29	0.19			3000
PV18-8LFB-3K					#8	0.87	0.29	0.23			3000
PV18-10LFNB-3K*					#10	0.87	0.29	0.23			3000
PV18-10LFB-3K					#10	0.87	0.33	0.23			3000
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					#6	0.85	0.29	0.18			3000
PV14-8LFB-3K					#8	0.92	0.29	0.23			3000
PV14-10LFB-3K					#10	0.92	0.33	0.23			3000
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					#8	1.04	0.30	0.21			2000
PV10-10LFB-2K					#10	1.04	0.34	0.21			2000
PV10-14LFB-2K					1/4"	1.16	0.46	0.32			2000

*Not UL Listed or CSA Certified.

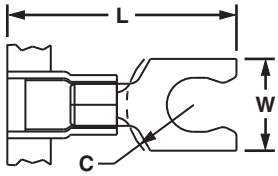
For applicator information, see page D1.143.

Short Locking Fork Terminals, Nylon Insulated – Non-Funnel Entry

LISTED CERTIFIED

Type PN-SLF

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Lock in place for a secure connection in limited spaces
- 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 94V-2/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
PN18-5SLF-3K	22 – 18 AWG	Red	0.03	0.145	#5	0.75	0.26	0.19	CD9-1A	CD-800-1	3000
PN18-6SLF-3K					#6	0.75	0.27	0.19			3000
PN18-8SLF-3K					#8	0.79	0.29	0.23			3000
PN18-10SLF-3K					#10	0.80	0.33	0.23			3000
PN14-5SLF-3K	16 – 14 AWG	Blue	0.03	0.162	#5	0.75	0.25	0.19	CD9-2A	CD-800-2	3000
PN14-6SLF-3K					#6	0.75	0.25	0.19			3000
PN14-8SLF-3K					#8	0.80	0.29	0.23			3000
PN14-10SLF-3K					#10	0.81	0.33	0.23			3000
PN10-8SLF-2K	12 – 10 AWG	Yellow	0.04	0.225	#8	0.92	0.29	0.22	CD9-3B	CD-800-3	2000
PN10-10SLF-2K					#10	0.92	0.33	0.22			2000

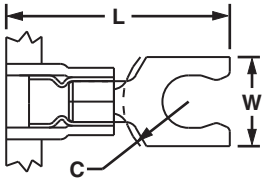
For applicator information, see page D1.143.

Short Locking Fork Terminals, Nylon Insulated – Funnel Entry

LISTED CERTIFIED

Type PNF-SLF

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Lock in place for a secure connection in limited spaces
- 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 94V-2/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
PNF18-5SLF-3K	22 – 18 AWG	Red	0.03	0.145	#5	0.73	0.26	0.19	CD9-1A	CD-800-1	3000
PNF18-6SLF-3K					#6	0.74	0.27	0.19			3000
PNF18-8SLF-3K					#8	0.80	0.29	0.23			3000
PNF18-10SLF-3K					#10	0.80	0.33	0.23			3000
PNF14-6SLF-3K	16 – 14 AWG	Blue	0.03	0.162	#6	0.75	0.25	0.19	CD9-2A	CD-800-2	3000
PNF14-10SLF-3K					#10	0.81	0.33	0.23			3000
PNF10-6SLF-2K	12 – 10 AWG	Yellow	0.04	0.225	#6	0.91	0.25	0.17	CD9-3B	CD-800-3	2000
PNF10-8SLF-2K					#8	0.92	0.29	0.22			2000
PNF10-10SLF-2K					#10	0.93	0.33	0.22			2000

For applicator information, see page D1.143.

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

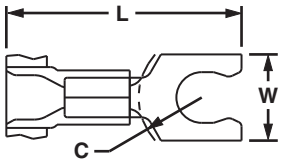
Prime items appear in **BOLD**.

Short Locking Fork Terminals, Vinyl Insulated – Funnel Entry

LISTED CERTIFIED

Type PV-SLFB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Lock in place for a secure connection in limited spaces
- 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 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			
PV18-5SLFB-3K	22 – 18 AWG	Red	0.03	0.150	#5	0.72	0.26	0.19	CD9-1A	CD-800-1	3000
PV18-6SLFB-3K					#6	0.72	0.27	0.19			3000
PV18-8SLFB-3K					#8	0.77	0.29	0.23			3000
PV18-10SLFB-3K					#10	0.78	0.33	0.23			3000
PV14-6SLFB-3K	16 – 14 AWG	Blue	0.03	0.170	#6	0.75	0.25	0.19	CD9-2A	CD-800-2	3000
PV14-8SLFB-3K					#8	0.80	0.29	0.23			3000
PV14-10SLFB-3K					#10	0.81	0.33	0.23			3000
PV14-14SLFB-3K					1/4"	0.90	0.44	0.29			3000
PV10-6SLFB-2K	12 – 10 AWG	Yellow	0.04	0.225	#6	0.84	0.25	0.17	CD9-3B	CD-800-3	2000
PV10-8SLFB-2K					#8	0.90	0.29	0.22			2000
PV10-10SLFB-2K					#10	0.91	0.33	0.22			2000

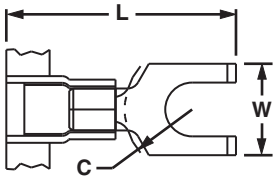
For applicator information, see page D1.143.

Flanged Fork Terminals, Nylon Insulated – Non-Funnel Entry

LISTED CERTIFIED

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



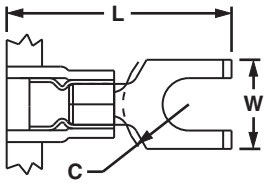
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
PN18-6FF-3K	22 – 18 AWG	Red	0.03	0.136	#6	0.80	0.28	0.19	CD9-1A	CD-800-1	3000
PN18-8FF-3K					#8	0.87	0.31	0.23		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

For applicator information, see page D1.143.

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



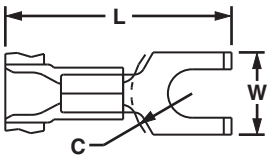
Part Number	Wire Range	Color Code	Stock Thickness (In.)	Max. Ins. (In.)	Stud Size	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
PNF18-6FF-3K	22 – 18 AWG	Red	0.03	0.145	#6	0.80	0.28	0.19	CD9-1A	CD-800-1	3000
PNF18-8FF-3K					#8	0.87	0.31	0.23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

For applicator information, see page D1.143.

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.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
						L	W	C			
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					#8	0.87	0.31	0.23			3000
PV18-10FFB-3K					#10	0.86	0.35	0.23			3000
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					#8	0.86	0.31	0.23			3000
PV14-10FFB-3K					#10	0.86	0.35	0.23			3000
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					#10	1.03	0.37	0.22			2000

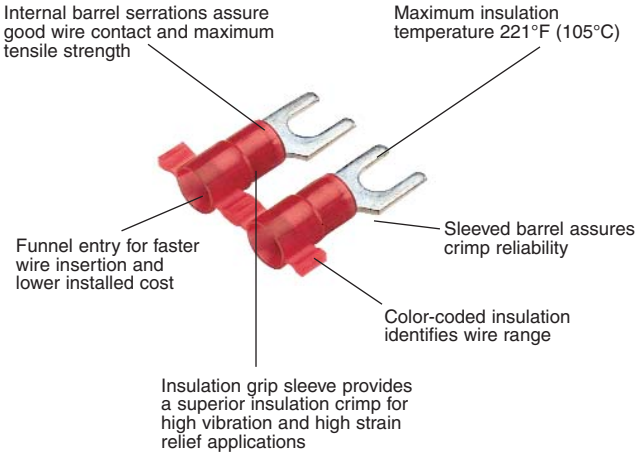
For applicator information, see page D1.143.

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

Prime items appear in **BOLD**.

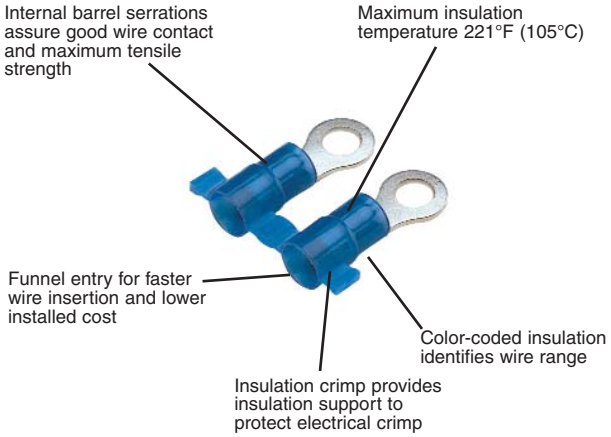
Features and Benefits – Reel Smart™ Metric Terminals

Metric Nylon Insulated Funnel Terminals with Insulation Grip Sleeve Type PMN or PMNF



UL and CSA rated up to 600 V per UL 486A/B.
Flammability – UL 94V-2/HB.

Metric Nylon Insulated Funnel Terminals with Insulation Support Type PMV



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

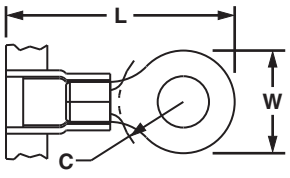
Part Number System for Reel Smart™ Metric Terminals

PM	V	1	—	3	R	B	3K
Type	**Insulation**	**Wire Range**		**Stud Size**	**Tongue Configuration**	**Special Configuration**	**Std. Pkg. Size**
PM = Pan-Term® Metric	N = Nylon NF = Nylon Funnel Entry V = Vinyl	1 = 0.5 – 1.0mm² or 0.5 – 1.5mm² 2 = 1.5 – 2.5mm² 6 = 2.5 – 6.0mm² or 4.0 – 6.0mm²		3 = M3 (#5) 35 = M3.5 (#6) 4 = M4 (#8) 5 = M5 (#10) 6 = M6 (1/4") 8 = M8 (5/16")	R = Ring F = Fork	B = Butted Seam = Standard (leave blank)	2K = 2,000 pcs. 3K = 3,000 pcs.

Metric Ring Terminals, Nylon Insulated – Non-Funnel Entry

Type PMN-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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Stud Size	Figure Dimensions (mm) L	W	C	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
PMN1-3R-3K	0.5 – 1.0	Red	3.7	M3	19.3	5.8	5.2	CD9-1A	CD-800-1	3000
PMN1-35R-3K				M3.5	19.3	5.8	5.2			3000
PMN1-4R-3K				M4	21.9	7.9	6.4			3000
PMN1-5R-3K				M5	22.4	8.9	6.4			3000
PMN1-6R-3K				M6	26.7	10.9	9.7			3000
PMN2-3R-3K	1.5 – 2.5	Blue	4.1	M3	21.6	5.8	5.1	CD9-2A	CD-800-2	3000
PMN2-35R-3K				M3.5	21.6	5.8	5.1			3000
PMN2-4R-3K				M4	24.1	7.9	6.5			3000
PMN2-5R-3K				M5	24.6	8.9	6.5			3000
PMN2-6R-3K				M6	26.7	10.9	9.7			3000
PMN6-3R-2K	4.0 – 6.0	Yellow	5.7	M3	24.7	5.8	7.9	CD9-3B	CD-800-3	2000
PMN6-35R-2K				M3.5	24.7	5.8	7.9			2000
PMN6-4R-2K				M4	25.7	7.9	7.9			2000
PMN6-5R-2K				M5	26.4	9.7	7.9			2000
PMN6-6R-2K				M6	29.0	10.9	9.7			2000
PMN6-8R-2K				M8	30.0	13.2	9.7			2000

For applicator information, see page D1.143.

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

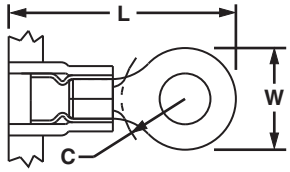
Prime items appear in **BOLD**.

Metric Ring Terminals, Nylon Insulated – Funnel Entry

LISTED CERTIFIED

Type PMNF-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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Stud Size	Figure Dimensions (mm)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
					L	W	C			
PMNF1-3R-3K	0.5 – 1.0	Red	3.7	M3	19.3	5.8	5.2	CD9-1A	CD-800-1	3000
PMNF1-35R-3K				M3.5	19.3	5.8	5.2			3000
PMNF1-4R-3K				M4	21.9	7.9	6.4			3000
PMNF1-5R-3K				M5	22.4	8.9	6.4			3000
PMNF1-6R-3K				M6	26.7	10.9	9.7			3000
PMNF2-3R-3K	1.5 – 2.5	Blue	4.1	M3	19.4	5.8	5.1	CD9-2A	CD-800-2	3000
PMNF2-35R-3K				M3.5	19.4	5.8	5.1			3000
PMNF2-4R-3K				M4	21.8	7.9	6.5			3000
PMNF2-5R-3K				M5	22.4	8.9	6.5			3000
PMNF2-6R-3K				M6	26.5	10.9	9.7			3000
PMNF6-3R-2K	4.0 – 6.0	Yellow	5.7	M3	24.7	5.8	7.9	CD9-3B	CD-800-3	2000
PMNF6-35R-2K				M3.5	24.7	5.8	7.9			2000
PMNF6-4R-2K				M4	25.7	7.9	7.9			2000
PMNF6-5R-2K				M5	26.4	9.7	7.9			2000
PMNF6-6R-2K				M6	29.0	10.9	9.7			2000
PMNF6-8R-2K				M8	30.0	13.2	9.7			2000

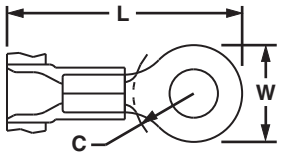
For applicator information, see page D1.143.

Metric Ring Terminals, Vinyl Insulated – Funnel Entry

LISTED CERTIFIED

Type PMV-RB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Insulation support helps to prevent wire damage in bending applications
- Ring tongue design assures a secure connection in high vibration applications
- 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 (mm^2)	Color Code	Max. Ins. (mm)	Stud Size	Figure Dimensions (mm)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
					L	W	C			
PMV1-3RB-3K	0.5 – 1.0	Red	3.7	M3	19.3	5.8	5.2	CD9-1A	CD-800-1	3000
PMV1-35RB-3K				M3.5	19.3	5.8	5.2			3000
PMV1-4RB-3K				M4	21.8	7.9	6.4			3000
PMV1-5RB-3K				M5	22.4	8.9	6.4			3000
PMV1-6RB-3K				M6	26.4	10.9	9.7			3000
PMV2-3RB-3K	1.5 – 2.5	Blue	4.3	M3	21.3	5.8	5.1	CD9-2A	CD-800-2	3000
PMV2-35RB-3K				M3.5	21.3	5.8	5.1			3000
PMV2-4RB-3K				M4	23.9	7.9	6.5			3000
PMV2-5RB-3K				M5	24.4	8.9	6.5			3000
PMV2-6RB-3K				M6	26.7	10.9	9.7			3000
PMV6-3RB-2K	4.0 – 6.0	Yellow	5.7	M3	24.9	6.1	7.9	CD9-3B	CD-800-3	2000
PMV6-35RB-2K				M3.5	24.9	6.1	7.9			2000
PMV6-4RB-2K				M4	25.9	7.9	7.9			2000
PMV6-5RB-2K				M5	26.7	9.4	7.9			2000
PMV6-6RB-2K				M6	29.2	10.9	9.7			2000
PMV6-8RB-2K				M8	30.5	13.2	9.7			2000

For applicator information, see page D1.143.

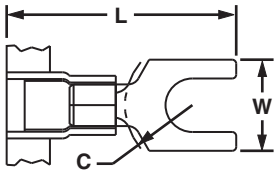
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Metric Fork Terminals, Nylon Insulated – Non-Funnel Entry

Type PMN-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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



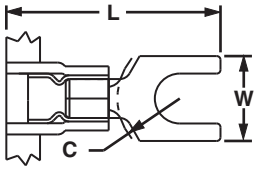
Part Number	Wire Range (mm²)	Color Code	Max. Ins. (mm)	Stud Size	Figure Dimensions (mm) L	W	C	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
PMN1-3F-3K	0.5 – 1.0	Red	3.7	M3	19.9	5.9	5.0	CD9-1A	CD-800-1	3000
PMN1-4F-3K				M4	21.6	8.2	5.8			3000
PMN1-5F-3K				M5	21.8	8.9	6.3			3000
PMN1-6F-3K				M6	26.4	11.2	8.4			3000
PMN2-3F-3K	1.5 – 2.5	Blue	4.1	M3	19.8	5.9	5.1	CD9-2A	CD-800-2	3000
PMN2-4F-3K				M4	21.3	7.9	5.9			3000
PMN2-5F-3K				M5	21.9	8.6	6.4			3000
PMN2-6F-3K				M6	26.2	11.2	8.5			3000
PMN6-4F-2K	4.0 – 6.0	Yellow	5.7	M4	25.7	7.9	6.1	CD9-3B	CD-800-3	2000
PMN6-5F-2K				M5	25.7	9.5	6.1			2000
PMN6-6F-2K				M6	28.5	11.0	8.2			2000

For applicator information, see page D1.143.

Metric Fork Terminals, Nylon Insulated – Funnel Entry

Type PMNF-F

- 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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486A/B



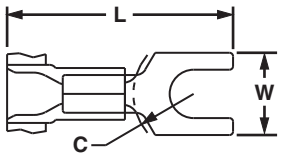
Part Number	Wire Range (mm²)	Color Code	Max. Ins. (mm)	Stud Size	Figure Dimensions (mm) L	W	C	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
PMNF1-3F-3K	0.5 – 1.0	Red	3.7	M3	20.0	5.9	5.0	CD9-1A	CD-800-1	3000
PMNF1-4F-3K				M4	21.6	8.2	5.8			3000
PMNF1-5F-3K				M5	21.8	8.9	6.3			3000
PMNF1-6F-3K				M6	26.4	11.2	8.4			3000
PMNF2-3F-3K	1.5 – 2.5	Blue	4.1	M3	19.8	5.9	5.1	CD9-2A	CD-800-2	3000
PMNF2-4F-3K				M4	21.3	7.9	5.9			3000
PMNF2-5F-3K				M5	21.9	8.6	6.4			3000
PMNF2-6F-3K				M6	26.2	11.2	8.5			3000
PMNF6-4F-2K	4.0 – 6.0	Yellow	5.7	M4	25.7	7.9	6.1	CD9-3B	CD-800-3	2000
PMNF6-5F-2K				M5	25.7	9.5	6.1			2000
PMNF6-6F-2K				M6	28.5	11.0	8.2			2000

For applicator information, see page D1.143.

Metric Fork Terminals, Vinyl Insulated – Funnel Entry

Type PMV-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 to 600 V per UL 486A/B



Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Stud Size	Figure Dimensions (mm)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
					L	W	C			
PMV1-3FB-3K	0.5 – 1.0	Red	3.7	M3	19.8	5.8	5.1	CD9-1A	CD-800-1	3000
PMV1-4FB-3K				M4	21.3	8.1	5.8			3000
PMV1-5FB-3K				M5	21.8	9.0	6.4			3000
PMV1-6FB-3K				M6	26.2	11.2	8.4			3000
PMV2-3FB-3K	1.5 – 2.5	Blue	4.3	M3	19.8	5.9	5.1	CD9-2A	CD-800-2	3000
PMV2-4FB-3K				M4	21.3	7.9	5.8			3000
PMV2-5FB-3K				M5	21.8	8.6	6.4			3000
PMV2-6FB-3K				M6	26.2	11.2	8.5			3000
PMV6-4FB-2K	4.0 – 6.0	Yellow	5.7	M4	25.9	7.9	6.2	CD9-3B	CD-800-3	2000
PMV6-5FB-2K				M5	25.9	9.7	6.2			2000
PMV6-6FB-2K				M6	28.7	11.0	8.2			2000

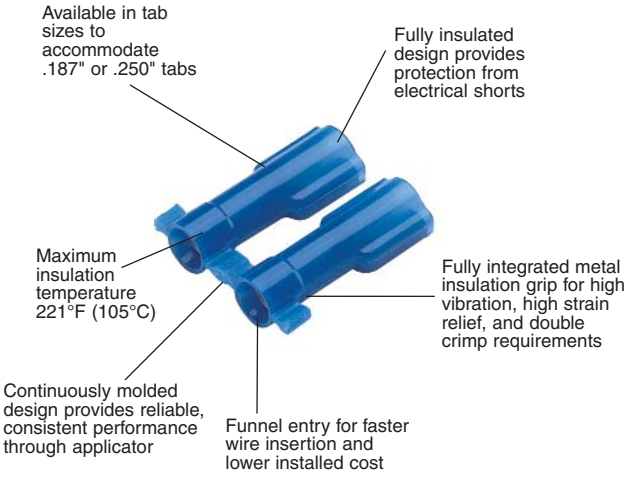
For applicator information, see page D1.143.

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

Prime items appear in **BOLD**.

Features and Benefits – Reel Smart™ Disconnects

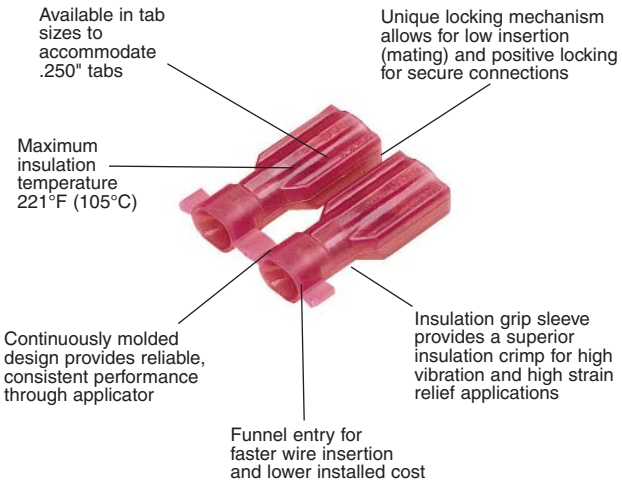
Supra-Grip™ Nylon Fully Insulated Funnel Entry, Female Receptacle Type DNG-FB



LISTED CERTIFIED

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

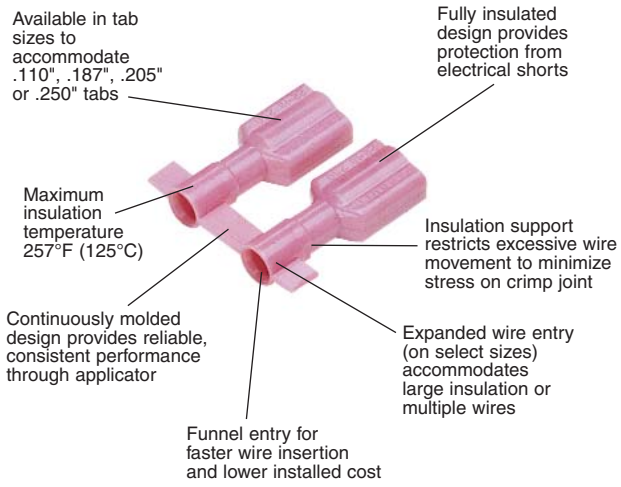
Disco-Lok™ Nylon Fully Insulated, Funnel Entry, Female Receptacle Type DNG-FL



CERTIFIED

UL and CSA rated up to 300 V.
Flammability UL 94V-2/HB.

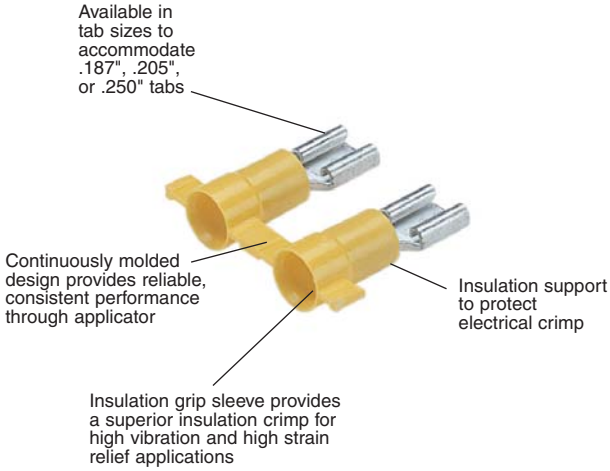
Standard and Premium Nylon Fully Insulated, Funnel Entry, Females Receptacles and Male Tabs Type DPF



LISTED CERTIFIED

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



LISTED CERTIFIED

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

High speed electric presses provide for fast terminations.

See page D1.144.

Fully Automatic Cable Tie Installation Systems offer an efficient solution for high volume harnessing, assembly, fastening and packaging applications.

See pages B1.113 – B1.122.

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**

D = Disconnects

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

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

110 = 0.110 x 0.032 tab size
111 = 0.110 x 0.020 tab size
145 = 0.145 x 0.032 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.

B = Butted seam
C = Compression Tab
FB = Metal Insulation Grip, Female
FL = Fully Insulated Positive Locking 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

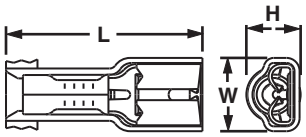
K = 1,000
KD = 1,500
2K = 2,000
3K = 3,000

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

LISTED CERTIFIED

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 94V-2/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				0.89	0.29	0.22	0.187 x 0.020	4.8 x 0.5			3000
DNG18-250FB-3K				0.93	0.35	0.23	0.250 x 0.032	6.3 x 0.8			3000
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	3000
DNG14-188FB-3K				0.89	0.29	0.25	0.187 x 0.020	4.8 x 0.5			3000
DNG14-250FB-3K				0.93	0.35	0.25	0.250 x 0.032	6.3 x 0.8			3000

*UL Recognized for copper alloy tabs only.
For applicator information, see page D1.143.

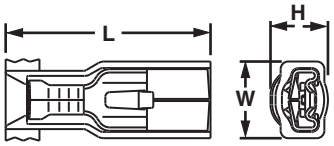
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Disco-Lok™ Female Disconnects, Nylon Fully Insulated – Funnel Entry

Type DNG-FL

- 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
- Unique locking mechanism design allows for low insertion forces (mating) and positive lock for high vibration applications where a secure connection is mandatory
- Fully insulated design provides protection from electrical shorts
- Flared barrel extension integrated into stamping to provide insulation grip for double crimp requirements
- Insulation housing moves back and forth to engage and disengage locking mechanism for repeated use
- Specialty tool required to install this disconnect (CT-1014)
- Mates with DNF-FIMB family
- UL Flammability UL 94V-2/HB, maximum insulation temperature 221°F (105°C)
- Rated up to 300 V



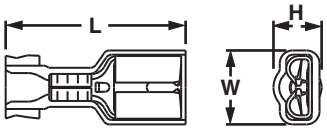
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
DNG18-250FL-3K	22 – 18 AWG	Red	0.126	0.97	0.36	0.24	0.250 x 0.032	6.3 x 0.8	CD9-14A	CD-800-14	3000
DNG14-250FL-3K	16 – 14 AWG	Blue	0.150	0.97	0.36	0.25	0.250 x 0.032	6.3 x 0.8	CD9-14A	CD-800-14	3000

For applicator information, see page D1.143.

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



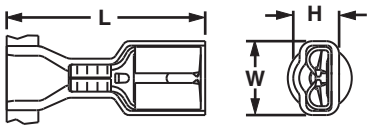
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
DNF18-110FIB-3K	22 – 18 AWG	Red	0.120	0.71	0.19	0.15	0.110 x 0.032	2.8 x 0.8	CD9-7A	CD-800-7	3000
DNF18-111FIB-3K		Red	0.120	0.71	0.19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

*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.
For applicator information, see page D1.143.

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



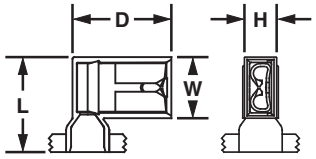
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
DNF18205FIBX-2K	22 – 18 AWG	Red	0.210	0.87	0.31	0.22	0.187/0.205 x 0.032	4.8/5.2 x 0.8	CD9-6B	CD-800-6	2000
DNF18206FIBX-2K				0.87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

For applicator information, see page D1.143.

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 94V-2/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				0.57	0.37	0.21	0.60	0.187/0.205 x 0.020	4.8/5.2 x 0.5			1500
DNFR18250FIB-KD				0.57	0.37	0.21	0.60	0.250 x 0.032	6.3 x 0.8			1500
DNFR14205FIB-KD	16 – 14 AWG	Blue		0.57	0.37	0.21	0.60	0.187/0.205 x 0.032	4.8/5.2 x 0.8			1500
DNFR14206FIB-KD				0.57	0.37	0.21	0.60	0.187/0.205 x 0.020	4.8/5.2 x 0.5			1500
DNFR14250FIB-KD				0.57	0.37	0.21	0.60	0.250 x 0.032	6.3 x 0.8			1500

For applicator information, see page D1.143.

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

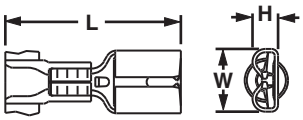
Prime items appear in **BOLD**.

Disco™ Female Disconnects, Vinyl Barrel Insulated – Funnel Entry

LISTED CERTIFIED

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			3000
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			3000
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			3000
DV18-250B-3K			0.150	0.83	0.29	0.12	0.250 x 0.032	6.3 x 0.8			3000
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			3000
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			3000
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			3000
DV14-250B-3K			0.170	0.83	0.29	0.12	0.250 x 0.032	6.3 x 0.8			3000
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			2000

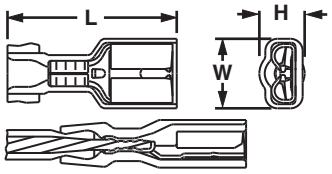
*Not UL Listed or CSA Certified.
**UL Recognized and CSA Certified.
‡Compression tab disconnect to fit 0.250" tabs with a post style support.
For applicator information, see page D1.143.

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
- UL Flammability UL 94V-2, 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			3000
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			3000
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			3000
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			3000
DPF18-250FIB-3K			0.136	0.84	0.35	0.22	0.250 x 0.032	6.3 x 0.8			3000
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			3000
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			3000
DPF14-250FIB-3K			0.160	0.84	0.35	0.22	0.250 x 0.032	6.3 x 0.8			3000
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

For applicator information, see page D1.143.

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

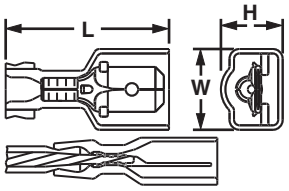
Prime items appear in **BOLD**.

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
- UL Flammability UL 94V-2, 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.

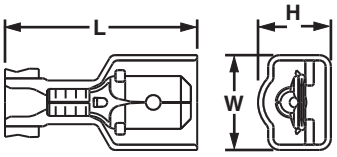
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
Standard Housing											
DPF18-250FIM-2K	22 – 18 AWG	Red	0.133	0.90	0.41	0.29	0.250 x 0.032	6.3 x 0.8	CD9-10B	CD-800-10	2000
DPF14-250FIM-2K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

*To mate with other manufacturers fully insulated 0.250 x 0.032 female receptacles.
For applicator information, see page D1.143.

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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



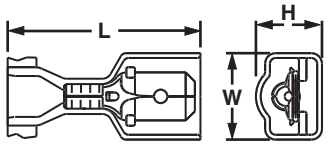
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
Standard Housing											
DNF18-250FIM-2K	22 – 18 AWG	Red	0.133	0.90	0.42	0.30	0.250 x 0.032	6.3 x 0.8	CD9-4B	CD-800-4	2000
DNF14-250FIM-2K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

*To mate with other manufacturers' fully insulated 0.250 x 0.032 female receptacles.
For applicator information, see page D1.143.

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 94V-2/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			
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									2000

*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.
For applicator information, see page D1.143.

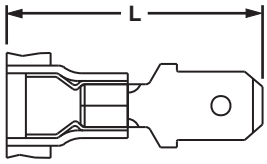
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Disco™ Male Disconnects, Nylon Barrel Insulated – Funnel Entry

Type DNF-M

- 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
- 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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



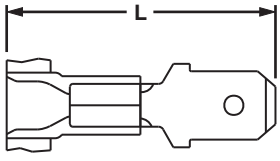
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)	Tab Size		CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	In.	mm			
DNF18-250M-3K	22 – 18 AWG	Red	0.145	0.90	0.250 x 0.032	6.3 x 0.8	CD9-1A	CD-800-1	3000
DNF14-250M-3K	16 – 14 AWG	Blue	0.162	0.90	0.250 x 0.032	6.3 x 0.8	CD9-2A	CD-800-2	3000
DNF10-250M-2K	12 – 10 AWG	Yellow	0.225	0.95	0.250 x 0.032	6.3 x 0.8	CD9-3B	CD-800-3	2000

For applicator information, see page D1.143.

Disco™ Male Disconnects, Vinyl Barrel Insulated – Funnel Entry

Type DV-MB

- 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
- 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)
- 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	In.	mm			
DV18-250MB-3K	22 – 18 AWG	Red	0.155	0.90	0.250 x 0.032	6.3 x 0.8	CD9-1A	CD800-1	3000
DV14-250MB-3K	16 – 14 AWG	Blue	0.175				CD9-2A	CD-800-2	3000
DV10-250M-2K*	12 – 10 AWG	Yellow	0.225				CD9-3B	CD-800-3	2000

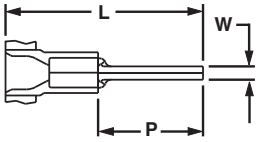
*Rated up to 300 V.

For applicator information, see page D1.143.

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



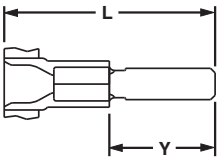
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	P			
PV18-P47B-3K	22 – 18 AWG	Red	0.150	0.90	0.07	0.49	CD9-1A	CD-800-1	3000
PV14-P47B-3K	16 – 14 AWG	Blue	0.170	0.90	0.07	0.49	CD9-2A	CD-800-2	3000

For applicator information, see page D1.143.

Male Blade Adapters, Vinyl Insulated – Funnel Entry

Type DV-MB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Flat blade design to prevent damage to the wire from over tightening, resulting in a reliable electrical connection
- For use with blade-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)
- Rated up to 600 V



Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)		Tab Size (In.)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	Y				
DV18-145MB-3K	22 – 18 AWG	Red	0.155	0.90	0.42	0.145 x 0.032	CD9-1A	CD-800-1	3000
DV14-145MB-3K	16 – 14 AWG	Blue	0.175	0.90	0.42	0.145 x 0.032	CD9-2A	CD-800-2	3000

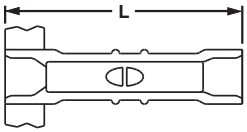
For applicator information, see page D1.143.

Butt Splices Nylon Insulated and Premium Grade Nylon

LISTED CERTIFIED

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 94V-2/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.)	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	3000
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	3000

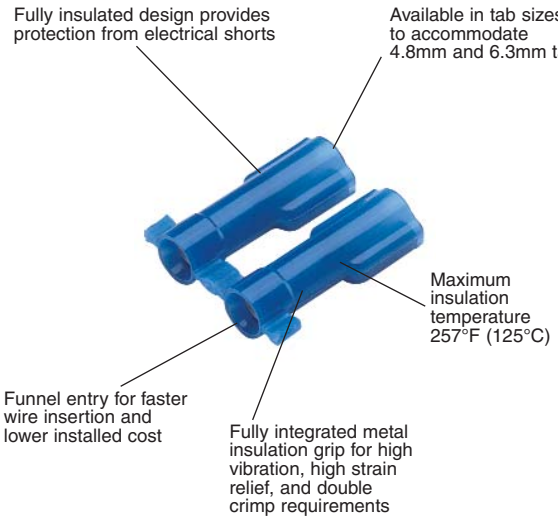
For applicator information, see page D1.143.

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

Prime items appear in **BOLD**.

Features and Benefits – Reel Smart™ Metric Disconnects

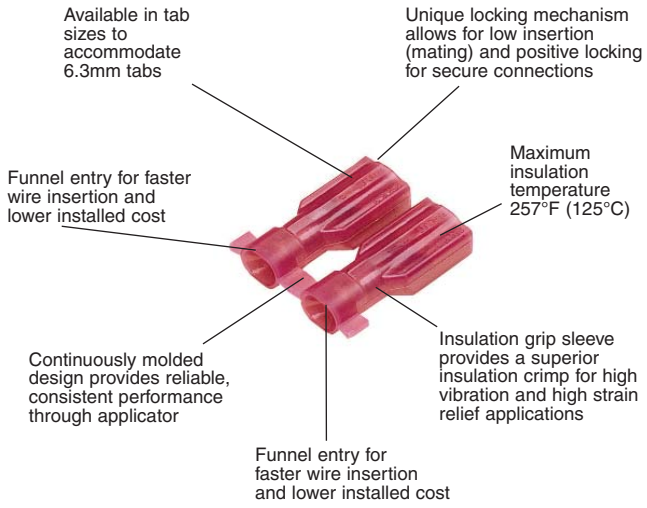
Metric Supra-Grip™ Nylon Fully Insulated Female Disconnects Type DMNG-FB



LISTED CERTIFIED

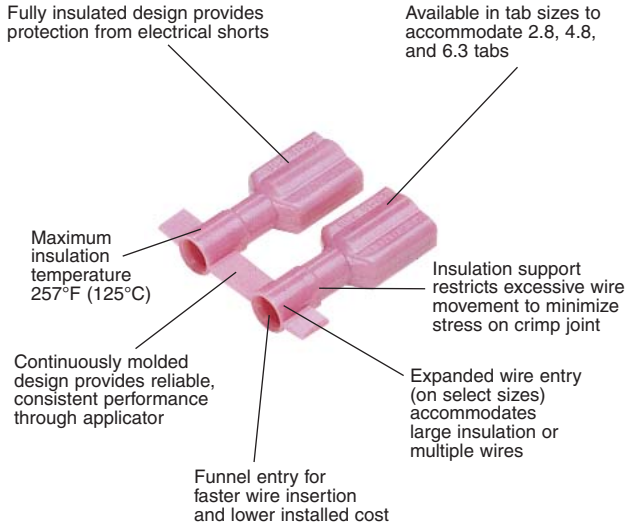
UL and CSA rated up to 600 V per UL 310.
Flammability – UL 94V-2/HB.

Metric Disco-Lok™ Nylon Fully Insulated, Funnel Entry, Female Receptacle Type DMNG-FL



Rated up to 300 V.
Flammability UL 94V-2/HB.

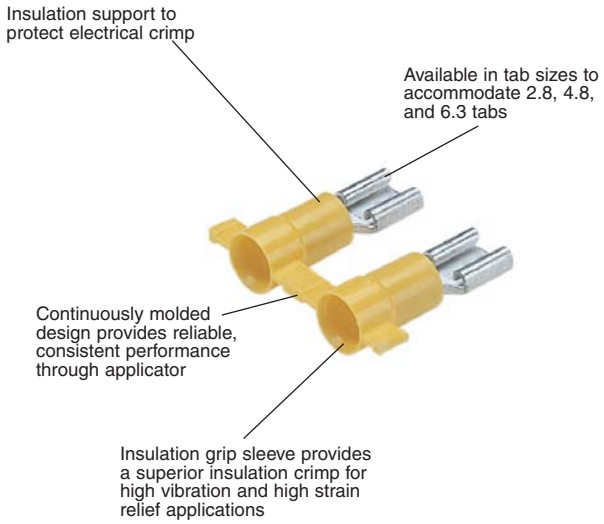
Metric Standard and Premium Nylon Fully Insulated, Funnel Entry, Female Receptacles and Male Tabs Type DMNF and DMPF



LISTED CERTIFIED

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

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



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

Part Number System for Reel Smart™ Metric Disconnects

DM	NF	1	—	285	FIB	3K
Type	Insulation	Wire Range		Size and Type	Special Configuration	Std. Pkg. Size

Type
D = Disconnect Metric

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

Wire Range
1 = 0.5 – 1.0mm²
2 = 1.5 – 2.5mm²
6 = 4.0 – 6.0mm²

Size and Type
283 = 2.8mm x 0.3mm Tab Size
285 = 2.8mm x 0.5mm Tab Size
288 = 2.8mm x 0.8mm Tab Size
485 = 4.8mm x 0.5mm Tab Size
488 = 4.8mm x 0.8mm Tab Size
63 = 6.3mm x 0.8mm Tab Size

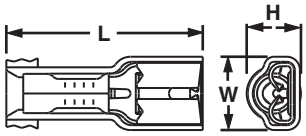
Special Configuration
B = Butted Seam
FB = Metal Insulation Grip, Female
FL = Fully Insulated Positive Locking Female
FIB = Fully Insulated, Butted Seam, Female
FIBX = Fully Insulated, Butted Seam, Female, Expanded Wire Entry
FIM = Fully Insulated Male
FIMB = Fully Insulated, Male, Oversized Housing
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

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

Type DMNG-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 94V-2/HB, maximum insulation temperature 257°F (125°C)
- UL and CSA rated up to 600 V per UL 310



Part Number	Wire Range (mm²)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm) L	W	H	Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
DMNG1-485FB-3K	0.5 – 1.0	Red	3.2	22.6	7.4	6.1	4.8 x 0.5	CD9-15A	CD-800-15	3000
DMNG1-488FB-3K			3.2	22.6	7.4	6.1	4.8 x 0.8			3000
DMNG1-63FB-3K			3.2	23.6	8.9	6.1	6.3 x 0.8			3000
DMNG2-485FB-3K*	1.5 – 2.5	Blue	3.9	22.6	7.4	6.1	4.8 x 0.5	CD9-16A	CD-800-16	3000
DMNG2-488FB-3K			3.9	22.6	7.4	6.1	4.8 x 0.8			3000
DMNG2-63FB-3K			3.9	23.6	8.9	6.1	6.3 x 0.8			3000

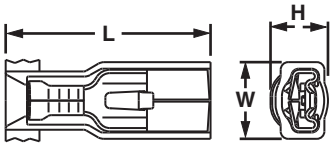
*For #14 AWG wire applications, part to be used with copper alloy tabs only and is UL Recognized.
For applicator information, see page D1.143.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Metric Disco-Lok™ Female Disconnects, Nylon Fully Insulated – Funnel Entry

Type DMNG-FL

- 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
- Unique locking mechanism design allows for low insertion forces (mating) and positive lock for high vibration applications where a secure connection is mandatory
- Fully insulated design provides protection from electrical shorts
- Flared barrel extension integrated into stamping to provide insulation grip for double crimp requirements
- Insulation housing moves back and forth to engage and disengage locking mechanism for repeated use
- Specialty tool required to install this disconnect (CT-1014)
- Mates with DNF-FIMB family
- UL Flammability UL 94V-2/HB, maximum insulation temperature 257°F (125°C)
- Rated up to 300 V



Part Number	Wire Range (mm²)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm)			Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H				
DMNG1-63FL-3K	0.5 – 1.0	Red	3.2	24.6	9.1	6.1	6.3 x 0.8	CD9-14A	CD-800-14	3000
DMNG2-63FL-3K	1.5 – 2.5	Blue	3.8	24.6	9.1	6.4	6.3 x 0.8	CD9-14A	CD-800-14	3000

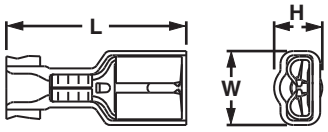
For applicator information, see page D1.143.

Metric Female Disconnects, Nylon Fully Insulated – Funnel Entry

LISTED CERTIFIED

Type DMNF-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
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- UL Flammability UL 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



Part Number	Wire Range (mm²)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm)			Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H				
DMNF1-283FIB-3K*	0.5 – 1.0	Natural	3.0	18.0	4.8	3.8	2.8 x 0.3	CD9-7A	CD-800-7	3000
DMNF1-285FIB-3K	0.5 – 1.0	Red	3.0	18.0	4.8	3.8	2.8 x 0.5			3000
DMNF1-288FIB-3K			3.0	18.0	4.8	3.8	2.8 x 0.8			3000
DMNF1-485FIB-3K			3.4	19.8	7.4	4.1	4.8 x 0.5	CD9-4A	CD-800-4	3000
DMNF1-488FIB-3K			3.4	19.8	7.4	4.1	4.8 x 0.8			3000
DMNF1-63FIB-3K			3.4	21.3	8.9	5.6	6.3 x 0.8			3000
DMNF2-485FIB-3K	1.5 – 2.5	Blue	4.0	19.8	7.4	4.6	4.8 x 0.5	CD9-5A	CD-800-5	3000
DMNF2-488FIB-3K			4.0	19.8	7.4	4.6	4.8 x 0.8			3000
DMNF2-63FIB-3K			4.1	21.3	8.9	5.6	6.3 x 0.8			3000
DMNF6-63FIB-2K	4.0 – 6.0	Yellow	5.6	24.4	8.9	5.8	6.3 x 0.8	CD9-13B	CD-800-13	2000

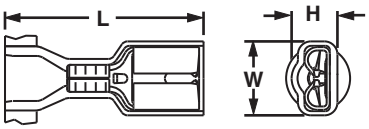
*UL/CSA standards do not exist for 2.8mm x 0.3mm (0.110" x 0.010") receptacles.

For applicator information, see page D1.143.

Metric Disco ™ Female Disconnect, Nylon Fully Insulated – Expanded Wire Entry

Type DMNF-FIBX

- 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
- 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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



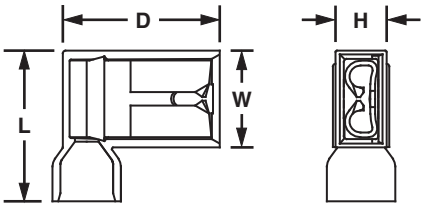
Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm) L	W	H	Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
DMNF1485FIBX-2K	0.5 – 1.0	Red	5.3	22.1	7.9	5.5	5.2/4.8 x 0.5	CD9-6B	CD-800-6	2000
DMNF1488FIBX-2K			5.3	22.1	7.9	5.5	5.2/4.8 x 0.8			2000
DMNF1-63FIBX-2K			5.3	23.6	8.9	5.5	6.3 x 0.8			2000
DMNF2485FIBX-2K	1.5 – 2.5	Blue	6.1	22.1	7.9	5.5	5.2/4.8 x 0.5	CD9-8B	CD-800-8	2000
DMNF2488FIBX-2K			6.1	22.1	7.9	5.5	5.2/4.8 x 0.8			2000
DMNF2-63FIBX-2K			6.1	23.6	8.9	5.5	6.3 x 0.8			2000

For applicator information, see page D1.143.

Metric Disco™ Female Disconnects, Nylon Fully Insulated – Right Angle

Type DMNFR-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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimension (mm) D	L	W	H	Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
DMNFR1485FIB-KD	0.5 – 1.0	Red	4.5	15.2	14.5	9.4	2.8	5.2/4.8 x 0.5	CD9-9C	CD-800-9	1500
DMNFR1488FIB-KD			4.5	15.2	14.5	9.4	3.1	5.2/4.8 x 0.8			1500
DMNFR163FIB-KD			4.5	15.2	14.5	9.4	3.1	6.3 x 0.8			1500
DMNFR2485FIB-KD	1.5 – 2.5	Blue	4.5	15.2	14.5	9.4	2.8	5.2/4.8 x 0.5			1500
DMNFR2488FIB-KD			4.5	15.2	14.5	9.4	3.1	5.2/4.8 x 0.8			1500
DMNFR263FIB-KD			4.5	15.2	14.5	9.4	3.1	6.3 x 0.8			1500

For applicator information, see page D1.143.

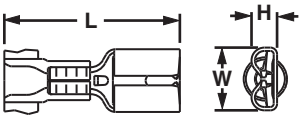
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Metric Disco™ Female Disconnects, Vinyl Barrel Insulated – Funnel Entry

Type DMV-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



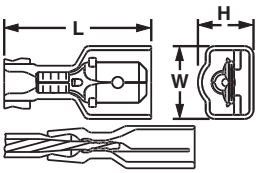
Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimension (mm)			Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H				
DMV1-485B-3K	0.5 – 1.0	Red	4.06	19.3	5.8	2.5	4.8 x 0.5	CD9-1A	CD-800-1	3000
DMV1-488B-3K			4.06	18.8	5.8	2.5	4.8 x 0.8	CD9-2A	CD-800-2	3000
DMV1-63B-3K			4.06	21.1	7.4	3.0	6.3 x 0.8	CD9-2A	CD-800-2	3000
DMV2-485B-3K	1.5 – 2.5	Blue	4.52	19.6	5.3	2.5	4.8 x 0.5	CD9-2A	CD-800-2	3000
DMV2-488B-3K			4.52	19.6	5.3	2.5	4.8 x 0.8	CD9-1A	CD-800-1	3000
DMV2-63B-3K			4.52	21.1	7.4	3.0	6.3 x 0.8	CD9-2A	CD-800-2	3000
DMV6-63-2K*	4.0 – 6.0	Yellow	5.84	24.1	7.4	3.0	6.3 x 0.8	CD9-3B	CD-800-8	2000

*Not UL Listed or CSA Certified.
For applicator information, see page D1.143.

Metric DiscoGrip™ Female Disconnects, Fully Insulated – Funnel Entry

Type DMPF-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
- Male tab couples with (all 6.3mm x 0.8mm) female disconnects
- UL Flammability UL 94V-2, 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.

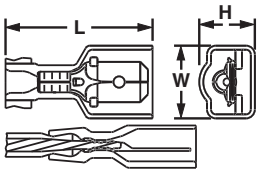
Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm)			Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H				
DMPF1-285FIB-3K	0.5 – 1.0	Red	3.4	18.0	4.8	4.3	2.8 x 0.5	CD9-12A	CD-800-12	3000
DMPF1-288FIB-3K			3.4	18.0	4.8	4.3	2.8 x 0.8	CD9-12A	CD-800-12	3000
DMPF1-485FIB-3K			3.4	19.8	7.9	4.3	4.8 x 0.5	CD9-10A	CD-800-10	3000
DMPF1-488FIB-3K			3.4	19.8	7.9	4.3	4.8 x 0.8	CD9-10A	CD-800-10	3000
DMPF1-63FIB-3K			3.4	21.3	8.9	5.6	6.3 x 0.8	CD9-13A	CD-800-13	3000
DMPF2-485FIB-3K	1.5 – 2.5	Blue	4.0	19.8	7.9	4.8	4.8 x 0.5	CD9-11A	CD-800-11	3000
DMPF2-488FIB-3K			4.0	19.8	7.9	4.8	4.8 x 0.8	CD9-11A	CD-800-11	3000
DMPF2-63FIB-3K			4.0	21.3	8.9	5.6	6.3 x 0.8	CD9-11A	CD-800-11	3000
DMPF6-63FIB-2K*	4.0 – 6.0	Yellow	5.5	24.4	8.9	5.8	6.3 x 0.8	CD9-13A	CD-800-13	2000

*Also approved for use with (2) 1.5 (#16) wires.
For applicator information, see page D1.143.

Metric DiscoGrip™ Male Disconnects, Fully Insulated – Funnel Entry

Type DMPF-FIM

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Male tab can be inserted and removed from the female disconnect 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
- Male tab couples with (all 6.3mm x 0.8mm) female disconnects
- UL Flammability UL 94V-2, 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.

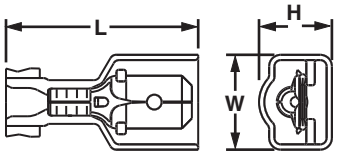
Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm) L	W	H	Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
Standard Housing										
DMPF1-63FIM-2K	0.5 – 1.0	Red	3.4	22.9	10.4	7.4	6.3 x 0.8	CD9-10B	CD-800-10	2000
DMPF2-63FIM-2K	1.5 – 2.5	Blue	4.0	22.9	10.4	7.4	6.3 x 0.8	CD9-11B	CD-800-11	2000
Oversized Housing										
DMPF1-63FIMB-K*	0.5 – 1.0	Red	3.4	23.4	11.7	8.6	6.3 x 0.8	CD9-10B	CD-800-10	1000
DMPF2-63FIMB-K*	1.5 – 2.5	Blue	4.1	23.4	11.7	8.6	6.3 x 0.8	CD9-11B	CD-800-11	1000

*To mate with other manufacturers' fully insulated 6.3mm x 0.8mm female receptacles.
For applicator information, see page D1.143.

Metric Disco™ Male Disconnects, Nylon Fully Insulated – Funnel Entry

Type DMNF-FIM

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Male tab couples with (all 6.3mm x 0.8mm) 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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm) L	W	H	Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
Standard Housing										
DMNF1-63FIM-2K	0.5 – 1.0	Red	3.4	22.9	10.7	7.5	6.3 x 0.8	CD9-4B	CD-800-4	2000
DMNF2-63FIM-2K	1.5 – 2.5	Blue	4.0	22.9	10.7	7.5	6.3 x 0.8	CD9-5B	CD-800-5	2000
Oversized Housing										
DMNF1-63FIMB-K*	0.5 – 1.0	Red	3.4	23.1	11.4	8.6	6.3 x 0.8	CD9-4B	CD-800-4	1000
DMNF2-63FIMB-K*	1.5 – 2.5	Blue	4.1	23.1	11.7	8.4	6.3 x 0.8	CD9-5B	CD-800-5	1000

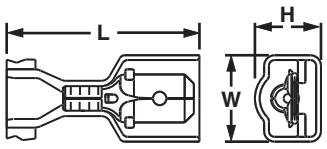
*To mate with other manufacturers' fully insulated 6.3mm x 0.8mm female receptacles.
For applicator information, see page D1.143.

Prime items appear in **BOLD**.

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

Type DMNF-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 6.3mm x 0.8mm) 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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310



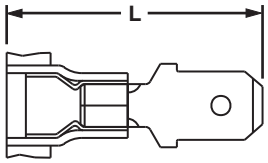
Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm)			Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H				
DMNF1-63FIMX-2K*	0.5 – 1.0	Red	6.2	24.6	10.4	7.4	6.3 x 0.8	CD9-8B	CD-800-8	2000
DMNF2-63FIMX-2K**	1.5 – 2.5	Blue	6.2	24.6	10.4	7.4	6.3 x 0.8	CD9-8B	CD-800-8	2000

*CSA Certified for use with (2) #16 AWG or (2) #18 AWG wires.
**CSA Certified for use with (2) #18 AWG, (2) #20 AWG, or (2) #22 AWG wires.
For applicator information, see page D1.143.

Metric Disco™ Male Disconnects, Nylon Barrel Insulated – Funnel Entry

Type DMNF-M

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Male tab couples with (all 6.3mm x 0.8mm) 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 94V-2/HB, maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



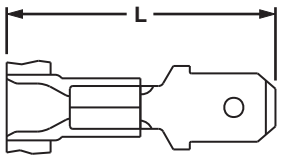
Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm)	Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L				
DMNF1-63M-3K	0.5 – 1.0	Red	3.7	22.9	6.3 x 0.8	CD9-1A	CD-800-1	3000
DMNF2-63M-3K	1.5 – 2.5	Blue	4.1	22.9	6.3 x 0.8	CD9-2A	CD-800-2	3000
DMNF6-63M-2K*	4.0 – 6.0	Yellow	5.7	24.1	6.3 x 0.8	CD9-3B	CD-800-3	2000

*Not CSA Certified.
For applicator information, see page D1.143.

Metric Disco™ Male Disconnects, Vinyl Barrel Insulated – Funnel Entry

Type DMV-MB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Male tab couples with (all 6.3mm x 0.8mm) 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 194°F (90°C)
- Rated up to 600 V



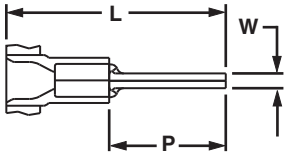
Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimension (mm) L	Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
DMV1-63MB-3K	0.5 – 1.0	Red	3.9	22.9	6.3 x 0.8	CD9-1A	CD-800-1	3000
DMV2-63MB-3K	1.5 – 2.5	Blue	4.5	22.9	6.3 x 0.8	CD9-2A	CD-800-2	3000
DMV6-63M-2K*	4.0 – 6.0	Yellow	6.1	24.4	6.3 x 0.8	CD9-3B	CD-800-3	2000

*DMV6-63M-2K is not CSA Certified.
For applicator information, see page D1.143.

Metric Pin Terminals, Vinyl Insulated – Funnel Entry

Type PMV-P

- 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
- Insulation support helps to prevent wire damage in bending applications
- For use with pin-type terminal blocks
- UL Flammability UL 94V-0, maximum insulation temperature 221°F (105°C)
- Rated up to 600 V



Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm) L	W	P	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
PMV1-P12B-3K	0.5 – 1.0	Red	3.8	22.6	2.0	10.0	CD9-1A	CD-800-1	3000
PMV2-P12B-3K	1.5 – 2.5	Blue	4.3	22.6	2.0	10.0	CD9-2A	CD-800-2	3000

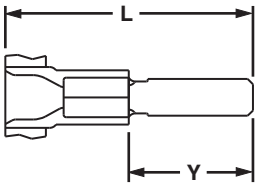
For applicator information, see page D1.143.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Metric Male Blade Adapters, Vinyl Insulated – Funnel Entry

Type DMV-MB

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Flat blade design to prevent damage to the wire from over tightening, resulting in a reliable electrical connection
- For use with blade-type terminal blocks
- Insulation support helps to prevent wire damage in bending applications
- UL Flammability UL 94V-0, maximum insulation temperature 194°F (90°C)
- Rated up to 600 V



Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimensions (mm)		Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	Y				
DMV1-37MB-3K	0.5 – 1.0	Red	3.9	22.9	10.5	3.7 x 0.8	CD9-1A	CD-800-1	3000
DMV2-37MB-3K	1.5 – 2.5	Blue	4.5	22.9	10.5	3.7 x 0.8	CD9-2A	CD-800-2	3000

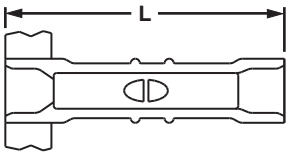
For applicator information, see page D1.143.

Metric Butt Splices, Nylon Insulated

LISTED CERTIFIED

Type BSMN, BSMP

- One-side machine applied termination replaces manual crimping
- Funnel entry on machine termination side to increase productivity
- Also hand crimped with Panduit CT-100A, CT-1550, or CT-1551 crimping tools
- Barrel locating ribs provide for accurate hand tool placement
- Available with insulation crimp premium grade nylon
- Brazed seam with center wire stop for increased performance and productivity
- UL Flammability UL 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486C



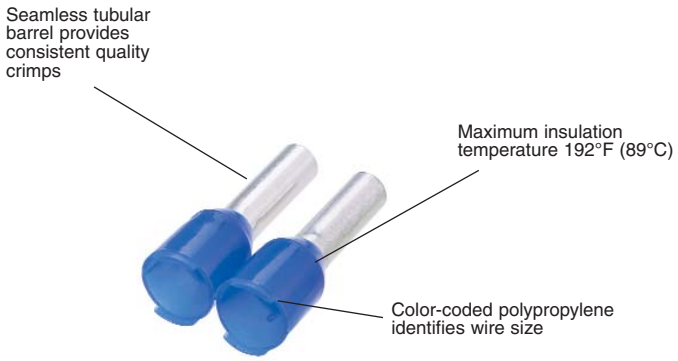
Part Number	Wire Range (mm^2)	Color Code	Max. Ins. (mm)	Figure Dimension (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L			
BSMN1-3K	0.5 – 1.5	Red	3.8	24.1	CD9-1A	CD-800-1	3000
BSMN2-3K	1.5 – 2.5	Blue	4.3	24.1	CD9-2A	CD-800-2	3000
BSMN6-2K	4.0 – 6.0	Yellow	5.8	24.1	CD9-3B	CD-800-3	2000
BSMP1-3K	0.5 – 1.5	Red	3.8	24.1	CD9-1A	CD-800-1	3000
BSMP2-3K	1.5 – 2.5	Blue	4.3	24.1	CD9-2A	CD-800-2	3000

For applicator information, see page D1.143.

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 singe wire configurations. These insulated ferrules are color-coded to DIN standards.

Insulated Ferrules – Single Wire
Type FS and FSD



Part Number System for Reel Smart® Ferrules

F	S	D	75	—	8	5K or DSL	10
Type	**Wire Type**	**Color Code**	**Wire Size (mm²)**		**DIN Length**	**Std. Pkg. Size**	**Color-Code Number**
F = Ferrule	S = Single	D = DIN = Standard (leave blank)				3K = 3,000 5K = 5,000 DSL = 50	0 = Black 2 = Red 3 = Orange 4 = Yellow 6 = Blue 7 = Light Blue 8 = Gray 10 = White

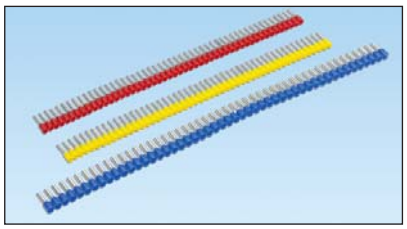
Order number of pieces required, in multiples of Standard Package Quantity.

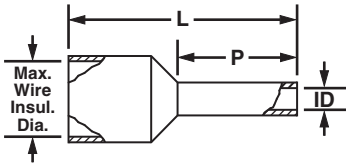
Prime items appear in **BOLD**.

Insulated Ferrules on Strips – Single Wire

Type FS

- 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	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		500
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		500
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		500
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		500
Additional Colored End Sleeves															
FS75-8-DSL3	20 AWG	0.50	Orange	0.10	2.6	0.60	15.2	0.31	8.0	0.04	1.0	13/32	10.0	CT-1000	500
FS76-8-DSL10	18 AWG	0.75	White	0.11	2.7	0.60	15.2	0.31	8.0	0.05	1.2	13/32	10.0		500
FS76-8-DSL7			Light Blue	0.11	2.7	0.60	15.2	0.31	8.0	0.05	1.2	13/32	10.0		500
FS77-8-DSL4		1.00	Yellow	0.12	3.0	0.60	15.2	0.31	8.0	0.06	1.5	13/32	10.0		500
FS78-8-DSL2	16 AWG	1.50	Red	0.13	3.2	0.60	15.2	0.31	8.0	0.07	1.8	13/32	10.0		500
FS80-8-DSL8	14 AWG	2.50	Gray	0.16	4.0	0.60	15.2	0.31	8.0	0.09	2.3	13/32	10.0		500

Semiautomatic Ferrule Crimping Tool – CT-1000

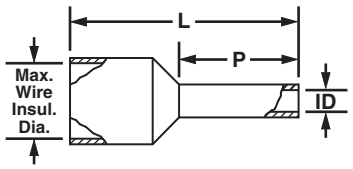
- Innovative rapid load design utilizes continuously molded ferrules to significantly reduce installation time
- Controlled cycle tool cuts, strips, and crimps wire to maximize efficiency
- Adjustable die setting allows termination of all Panduit #20 – 14 AWG continuously molded ferrules with a single tool

Part Number	Part Description	Std. Pkg. Qty.
CT-1000	Controlled cycle crimp tool with trapezoid profile for #20 – 14 AWG (0.50 – 2.5mm²) insulated continuously molded ferrules on strips. Also cuts and strips wire.	1

Insulated Ferrules on Reels – Single Wire

Type FS

- Polypropylene insulation housing available in DIN standard colors in reels of 3000 and 5000
- Designed specifically for use with the Ferrule Applicator (CA10) 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 AWG	Wire Size mm²	Color	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	CA10 Series Dies	Pieces Per Reel
DIN End Sleeves															
FSD75-8-5K10	20 AWG	0.50	White	0.10	2.6	0.57	14.5	0.31	8.0	0.04	1.0	13/32	10.0	CD10-1	5000
FSD76-8-5K8	18 AWG	0.75	Gray	0.11	2.7	0.57	14.5	0.31	8.0	0.05	1.2	13/32	10.0		5000
FSD77-8-5K2	18 AWG	1.00	Red	0.12	3.0	0.57	14.5	0.31	8.0	0.06	1.5	13/32	10.0	CD10-2	5000
FSD78-8-5K0	16 AWG	1.50	Black	0.13	3.2	0.57	14.5	0.31	8.0	0.07	1.8	13/32	10.0		5000
FSD80-8-3K6	14 AWG	2.50	Blue	0.16	4.0	0.57	14.5	0.31	8.0	0.09	2.3	13/32	10.0	CD10-3	3000
Additional Colored End Sleeves															
FS75-8-5K3	20 AWG	0.50	Orange	0.10	2.6	0.57	14.5	0.31	8.0	0.04	1.0	13/32	10.0	CD10-1	5000
FS76-8-5K10	18 AWG	0.75	White	0.11	2.7	0.57	14.5	0.31	8.0	0.05	1.2	13/32	10.0		5000
FS76-8-5K7	18 AWG	0.75	Light Blue	0.11	2.7	0.57	14.5	0.31	8.0	0.05	1.2	13/32	10.0		5000
FS77-8-5K4	18 AWG	1.00	Yellow	0.12	3.0	0.57	14.5	0.31	8.0	0.06	1.5	13/32	10.0	CD10-2	5000
FS78-8-5K2	16 AWG	1.50	Red	0.13	3.2	0.57	14.5	0.31	8.0	0.07	1.8	13/32	10.0		5000
FS80-8-3K8	14 AWG	2.50	Gray	0.16	4.0	0.57	14.5	0.31	8.0	0.09	2.3	13/32	10.0	CD10-3	3000

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

Prime items appear in **BOLD**.

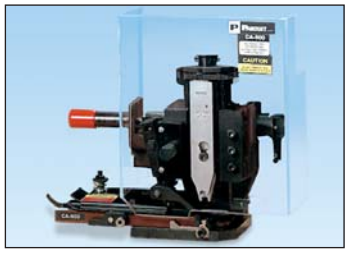
Reel Smart™ Ferrule Applicator – CA10

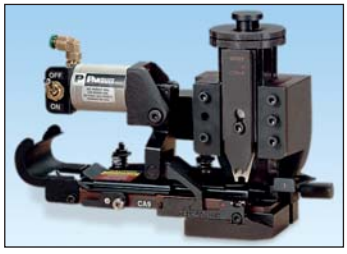
- Designed for use with continuously molded ferrules in reels of 3,000 or 5,000 for high volume applications
- Precision ferrule indexing through applicator for optimum reliability and productivity
- Universal base plate allows compatibility with the Panduit CP-871 electric press, and other commercially available bench presses and automatic wire processing (AWP) machines
- Quick change die sets terminate the entire ferrule line to provide fast product change over and reduction in setup time; dies sold separately

Part Number	Part Description	Std. Pkg. Qty.
CA10	Applicator used to terminates entire line of Reel Smart™ Continuously Molded Ferrules on reels. For use with CP-871 Electric Press and CD10 series die sets.	1
CD10-1	Die insert to be used with the CA10 applicator to terminate FS75, FSD75, FS76 and FSD76 Reel Smart™ Continuously Molded Ferrules.	1
CD10-2	Die insert to be used with the CA10 applicator to terminate FS77, FSD77, FS78 and FSD78 Reel Smart™ Continuously Molded Ferrules.	1
CD10-3	Die insert to be used with the CA10 applicator to terminate FS80 and FSD80 Reel Smart™ Continuously Molded Ferrules.	1

CA9 Ezair™ and CA-800EZ Applicators

- Designed to terminated all continuously molded terminals, disconnects, and splices in reels of 3,000 or 5,000 for high volume applications
- Precision terminal indexing through applicator for optimum reliability and productivity
- Universal base plate allows compatibility with the Panduit CP-871 electric press, and other commercially available bench presses and automatic wire processing (AWP) machines
- Quick change die sets allow for fast product change over and reduction in setup time; dies sold separately





Part Number	Part Description	Std. Pkg. Qty.
CA-800EZ*	Applicator: runs in the AMP* Model T and K bench presses. True “quick change” applicator — no additional plates are necessary. Slide right into the press for easy changeover. Uses CD-800 series die inserts.	1
CA9	CA9 Ezair™ Applicator: terminates the entire Reel Smart™ product line. This greatly reduces set up and maintenance time and increases productivity. This patented applicator is so smart it automatically adjusts feed stroke to the correct pitch and length for the entire product line. Crimp die changeover in less than 1 minute, minimizes downtime and increases productivity. Fast, easy loading of terminal parts without special instructions or setup personnel. Simply feed the parts strip into the applicator. All the necessary adjustments are made by the dies and the automatic feed stroke. Used in CP-871 electric press. Safety lockout guard ensures operator safety. Positive stop adjustment rings allow for electrical and insulation crimp adjustments as desired.	1

*AMP is a registered trademark of Tyco Electronics.

For crimp die information, refer to pages D1.145 and D1.146.

Electric Bench Press

- For use with Panduit Applicators and Reel Smart™ Continuously Molded Terminals and Ferrules to provide a superior solution for quality, high volume terminations
- CP-871 press has a microprocessor based controller and LCD that displays text messages and cycle count with multi-language capability
- Tool crimp height adjustment feature allows user to easily set and maintain desired crimp height for consistent performance
- Applicator can be changed without the use of tools to facilitate faster changeover for lower cost of ownership

Part Number	Part Description	Std. Pkg. Qty.
CP-871	Electric press: 4000+ terminations per hour. Operates on 110 VAC current/60 Hz, 220 VAC current/50 Hz (field convertible). Overall size (without reel): 13" x 33" x 16". Total weight (without reel): 176 lbs. Includes foot pedal.	1

Die Sharpening Kits

- Used to resharpen cutting edges and maintain reliability of CD-800 and CD9 series cutter dies

Part Number	Part Description	Std. Pkg. Qty.
DSF-RS	For use with black oxide cutter dies.	1
DSF-NP	For use with nickel-plated cutter dies.	1

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

Prime items appear in **BOLD**.

Die Information

Part Number	AWG Wire Range	Color Code	(1) Wire Insulation Strain Relief	Part No. Prefix	60/40 Solder Slug Dia.		Spare Part Number		
					In.	mm	Crimp Die	Cutter Die	Lower Die
CD-800-1	22 – 18, 22 – 16	Red	Plastic Ins. Crimp, Insulation Support, Metal Ins. Crimp, Plastic Ins. Crimp	PV, DV-MB, DV-B, BSN, PN, PNF, DNF-M, BSP (Premium Nylon)			TD13471C06 CD-800-1	TD13483C02 CD-800 C1	TD17755B01 CD-1
CD-800-1D* **	22–18								
CD-800-2	16 – 14, 18 – 14	Blue	Plastic Ins. Crimp, Insulation Support, Metal Ins. Crimp, Plastic Ins. Crimp	PV, DV-MB, DV-B, BSN, PN, PNF, DNF-M, BSP (Premium Nylon)			TD13473C05 CD-800-2	TD13486C03 CD-800C-2	TD17756B01 C-2
CD-800-2D* **	16 – 14								
CD-800-3	12 – 10, 14 – 10, 16 – 12	Yellow	Plastic Ins. Crimp, Plastic Ins. Crimp, Metal Ins. Crimp, Plastic Ins. Crimp, Metal Ins. Crimp	PV, PV12, DV, DV-C, PN12, PV12, DV-M, PN, PNF, DNF-M	0.188	4.78	TD13475C06 CD-800-3	TD13489C02 CD-800C-3	TD17757B01 C-3
CD-800-4	12 – 18	Red	Insulation Support	DNF-FIB, DNF-FIM, DNF-FIMB, DNF-LPB			TD13833C06 CD-800-4, 10	TD13505C02 CD-800 C-4	TD17758B01 C-4, 10
CD-800-5	16 – 14	Blue	Insulation Support	DNF-FIB, DNF-FIM, DNF-FIMB, DNF-LPB			TD13634C05 CD-800-5, 11	TD13508C02 CD-800 C-5	TD17759B01 C-5, 11
CD-800-6	22 – 18	Red	Insulation Support	DNF-FIBX			TD13652C04 CD-800-6	TD13499C02 CD-800C-6	TD17760B01 C-6
CD-800-7	22 – 18	Red	Insulation Support	DNF-110FIB, DNF-111FIB, DNF-112FIB	0.125	3.18	TD13477C05 CD-800-7, 12	TD13492C03 CD-800 C-7	TD17761B01 C-7, 12
CD-800-8	22 – 18, 16 – 14	Red/ Blue	Insulation Support	DNF-FIBX, DNF-FIMX, DNF-FIMX	0.188	4.78	TD13481C06 CD-800-8	TD13502C03 CD-800 C-8	TD17762B01 C-8
CD-800-9	22 – 14	Red/ Blue	Insulation Support	DNFR-FIB	0.125	3.18	TD13479C05 CD-800-9	TD13495C02 CD-800 C-9	TD17763B01 C-9
CD-800-10	22 – 18	Red	DiscoGrip™ Insulation Crimp	DPF-FIB, DPF-FIM, DPF-FIMB, DPF-LPB	0.188	4.78	TD13633C06 CD-800-4, 10	TD16233C02 CD-800 C-10	TD17758B01 C-4, 10
CD-800-11	16 – 14	Blue	DiscoGrip™ Insulation Crimp	DPF-FIM, DPF-FIMB, DPF-FIB, DPF-LPB			TD13634C05 CD-800-5, 10	TD16243C01 CD-800 C-11	TD17759B01 CD-5, 11
CD-800-12	22 – 18	Red	DiscoGrip™ Insulation Crimp	DPF-110FIB, DPF-111FIB	0.125	3.18	TD13477C05 CD-800-7, 12	TD16235C02 CD-800 C-12	TD17761B01 C-7, 12
CD-800-13	12 – 10	Yellow	Insulation Support, DiscoGrip™ Insulation Crimp	DNF-FIB, DPF-FIB	0.188	4.78	TD19116C03 CD-800-13	TD19115C05 CD-800 C-13	TD19424B01 C-13
CD-800-14	22 – 18, 16 – 14	Red/ Blue	Metal Insulation Crimp	DNG-FL	0.125	3.18	TD22943C01 CD-800-14	TD22944C01 CD-800 C-14	TD22960B01 C-14
CD-800-15	22 – 18	Red	Metal Insulation Crimp	DNG-FB	0.188	4.78	TD22945C01 CD-800-15	TD22946C01 CD-800 C-15	TD22961B01 C-15
CD-800-16	16 – 14	Blue	Metal Insulation Crimp	DNG-FB			TD22947C01 CD-800-16	TD22948C01 CD-800 C-16	TD22962B01 C-16
CD-800-17	12 – 10	Yellow	Insulation Support	BSN			TD23601C01 CD-800-17	TD23600C01 CD-800-17	TD23612B01 CD-800-17
CD-800-18	12 – 10	Yellow	Plastic Insulation Crimp	DNF-FIMB			TD13475C06 CD-800-18	TD23773C01 CD-800-18	TD17757B01 CD-800-18

TA13721A01 = 60/40 Solder Slug with 1/8" (.125) outer diameter.
TA13722A01 = 60/40 Solder Slug with 3/16" (.188) outer diameter.
(1) Insulation Support: Minimum wire insulation strain relief for normal applications.
Plastic and DiscoGrip™ Insulation Crimp: Secondary wire insulation strain relief for high vibration or conductor strain applications.
Metal Insulation Grip: Maximum wire insulation strain relief for high vibration or conductor strain applications.
***Modified lower die for barrel insulated disconnects DV-B series. Available as a complete die set or just lower die assembly.

Table continues on page D1.146

Die Information (continued)

Part Number	Color Code	AWG Wire Range	Wire Insulation Strain Relief	Part No. Prefix	60/40 Solder Slug Diameter		Spare Part Number		
					In.	mm	Crimp Die	Cutter Die	Lower Die
CD9-1A	Red	22 – 16, 22 – 18	Insulation Support, Plastic Ins. Crimp, Plastic Ins. Crimp, Metal Ins. Grip	BSN, BSP, PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78	TD24129C01	TD24139C01	TD24149C01
CD9-1AD* **		22 – 18	Plastic Insulation Crimp, Metal Insulation Grip	PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78			
CD9-1B		22 – 18	Plastic Insulation Crimp	PV-56R, PV-38R	0.188	4.78			
CD9-2A	Blue	18 – 14, 16 – 14	Insulation Support, Plastic Ins. Crimp, Insulation Support, Plastic Ins. Crimp, Metal Ins. Grip	BSN, BSP, BSN, PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78	TD24130C01	TD24140C01	TD23712C01
CD9-2AD* **		16 – 14	Insulation Support, Plastic Insulation Crimp, Metal Insulation Grip	BSN, PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78			
CD9-2B		16 – 14	Plastic Insulation Crimp	PV-56R, PV-38R	0.188	4.78			
CD9-3B	Yellow	12 – 10, 16 – 12	Plastic Ins. Crimp, Metal Ins. Grip, Plastic Ins. Crimp	PV, DV, DV-M, PN, PNF, DNF-M, PV12, PN12	0.188	4.78	TD24131C01	TD24141C01	TD23713C01
CD9-4A	Red	22 – 18	Insulation Support	DNF-FIB, DNF-LPB	0.188	4.78	TD24132C01	TD24142C01	TD24150C01
CD9-4B		22 – 18	Insulation Support	DNF-FIM, DNF-FIMB	0.188	4.78			
CD9-5A	Blue	16 – 14	Insulation Support	DNF-FIB, DNF-LPB	0.188	4.78	TD24133C01	TD24143C01	TD24151C01
CD9-5B		16 – 14	Insulation Support	DNF-FIM, DNF-FIMB	0.188	4.78			
CD9-6B	Red	22 – 18	Insulation Support	DNF-FIBX	0.188	4.78	TD23700C01	TD23683C01	TD23716C01
CD9-7A	Red	22 – 18	Insulation Support	DNF-110, 111, 112FIB	0.125	3.18	TD23701C02	TD23684C01	TD23717C01
CD9-8B	Blue/ Red	16 – 14, 22 – 14	Insulation Support	DNF-FIBX, DNF-FIMX	0.188	4.78	TD23702C01	TD23685C01	TD23718C01
CD9-9C	Red/ Blue	22 – 14	Insulation Support	DNFR-FIB	0.125	3.18	TD23703C01	TD23686C01	TD23719C01
CD9-10A	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-FIB, DPF-LPB	0.188	4.78	TD24132C01	TD24144C01	TD24150C01
CD9-10B	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-FIM, DPF-FIMB	0.188	4.78			
CD9-11A	Blue	16 – 14	DiscoGrip™ Insulation Crimp	DPF-FIB, DPF-LPB	0.188	4.78	TD24133C01	TD23688C01	TD24151C01
CD9-11B	Blue	16 – 14	DiscoGrip™ Insulation Crimp	DPF-FIM, DPF-FIMB	0.188	4.78			
CD9-12A	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-110FIB, DFP-111FIB	0.125	3.18	TD23701C02	TD23689C01	TD23717C01
CD9-13B	Yellow	12 – 10	Insulation Support, DiscoGrip™ Insulation Crimp	DNF-FIB, DPF-FIB	0.188	4.78	TD24134C01	TD24145C01	TD24152C01
CD9-14A	Red/ Blue	22 –18, 16 – 14	Metal Insulation Grip	DNG-FL	0.125	3.18	TD23705C01	TD23691C01	TD23721C01
CD9-15A	Red	22 – 18	Metal Insulation Grip	DNG-FB	0.188	4.78	TD24135C01	TD24146C01	TD24153C01
CD9-16A	Blue	16 – 14	Metal Insulation Grip	DNG-FB	0.188	4.78	TD24136C01	TD24147C01	TD24154C01
CD9-17B	Yellow	12 – 10	Insulation Support	BSN	0.188	4.78	TD24110C01	TD24109C01	TD24111C01 TD24112C01
CD9-18B	Yellow	12 – 10	Insulation Support	DNF-FIMB	0.188	4.78	TD24131C01	TD23766C01	TD23713C01
CD10-1	—	20 – 18	Insulation Support	FS75, FSD75, FS76, FSD76	—	—	—	—	—
CD10-2	—	18 – 16	Insulation Support	FS77, FSD77, FS78, FSD78	—	—	—	—	—
CD10-3	—	14	Insulation Support	FS80, FSD80	—	—	—	—	—

TA13721A01 = 60/40 Solder Slug with 1/8" (.125) outer diameter.
TA13722A01 = 60/40 Solder Slug with 3/16" (.188) outer diameter.
(1) Insulation Support: Minimum wire insulation strain relief for normal applications.
Plastic and DiscoGrip™ Insulation Crimp: Secondary wire insulation strain relief for high vibration or conductor strain applications.
Metal Insulation Grip: Maximum wire insulation strain relief for high vibration or conductor strain applications.
***Modified lower die for barrel insulated disconnects DV-B series. Available as a complete die set or just lower die assembly.

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

Prime items appear in **BOLD**.

CA10, CA9 Ezair™, and CA-800EZ Applicators Wire Processing Machine Manufacturer/Press Compatibility

Manufacturer	Wire Processing Machine with (WPM) or Bench Press Only	CA10	Panduit Applicators	
			CA9 Ezair™	CA-800EZ*
PANDUIT	CP-851 bench press only			
	CP-861 bench press only			
	CP-862 bench press only		A[1]	
	CP-871 bench press only	A	A[1]	A
T/E CONNECTIVITY	CLS III G with G press (AWP)	A	A[1]	
	CLS IV with G press (AWP)	A	A[1]	A
	CLS IV G plus with G press (AWP)	A	A[1]	
	G bench press only	A	A[1]	
	CLS II with T press (AWP)		A[1]	
	CLS III with T press (AWP)		A[1]	
	T bench press only		A[3]	A
	K bench press only			A
ARTOS	CS-600 with AMP G press (AWP)	A	A[1]	
	CS-600 with TU7M press (AWP)			A
	CS-600 with TU-10 press (AWP)		A[1]	
	MTX Series 5 with TU-10 press (AWP)		A[1]	
GAMMA MECCANICA	T20P-110V bench press only		A[1]	
KODERA	Series C451/C450 (AWP)	A	A[1]	
	Series C551/C550 (AWP)		A[1]	
KOMAX	Gamma 311 with Mecal K300 press (AWP)		A[1]	A[2]
	Gamma 333 with mci 711 press (AWP)	A	A[1]	
	Alpha 411 with Mecal PE7 or P107 press (AWP)		A[1]	A[2]
	Alpha 433 with Mecal PE7 or P107 press (AWP)		A[1]	
	40T with Mecal PE7 press (AWP)		A[1]	
	40T with Panduit CP-861 press (AWP)			
	bt711 bench press only			A[4]
	bt722	A	A	
MEGOMAT	AMS 3001A/APE 300 press (AWP)		A[1]	
	Contact (AWP)		A[1]	
	Primo with MP-3.0 press (AWP)		A[1]	
MOLEX	EP-20 bench press only			A
	TM-2000 bench press only			A
SCHLEUNIGER	Crimp center 12 with ACP01 press (AWP)		A[1]	A
	Crimp center 64 (AWP)	A	A[1]	
	UC-200 bench press	A	A[1]	
	Crimpcenter 36 (AWP)	A	A	
SHINMAYWA	TR101 (AWP)			A
	TRD111/TR111 (AWP)		A[1]	A

A = Compatible with Press.

Special Requirements:
*Refer to the specific applicator operation manual for installation instructions.
[1] See specific section of installation manual for details.
[2] Komax press shim is required to operate CA-800EZ Applicator.
[3] Bench press air feed capability is required.
[4] Remove press wire stripper.

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° 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.

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

	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 .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 Reel Smart™ products meet or exceed the following test specifications:

- Listed per Underwriters Laboratories, Inc. Standard UL 310 (Disconnects)
- Recognized under the Component Recognition Program of Underwriters Laboratories Inc.
- Certified by Canadian Standards Association (Disconnects)
- UL and CSA listed products are shown with the applicable logos in the product section.
- UL file #E78526, CSA file #LR31212

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

Prime items appear in **BOLD**.