

Ferrules



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

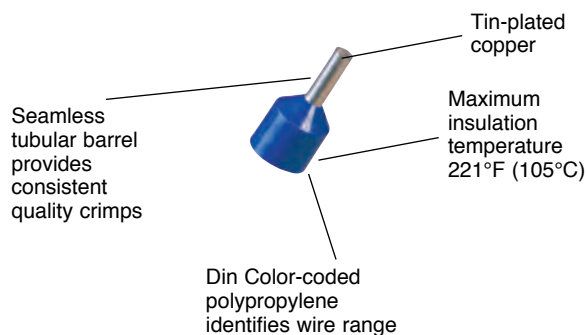
- Ferrules are UL 486F (1/0-20 AWG) listed and CSA certified
- Ideal for control panel and terminal block applications
- Insulated single wire range of #26 – 300 kcmil sizes meets DIN color code standards
- Insulated twin wire end sleeve range of #22 – 6 AWG, sizes meets DIN color code standard
- Non-insulated wire range of #24 – 500 kcmil
- Insulated ferrules single wire range #20 – 14 AWG, available in strips of 50 for use with the semiautomatic ferrule crimping tool, CT-1000, for improved reliability and productivity
- Wide assortment of controlled cycle, crimping tools for reliable connections at the lowest installed cost

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

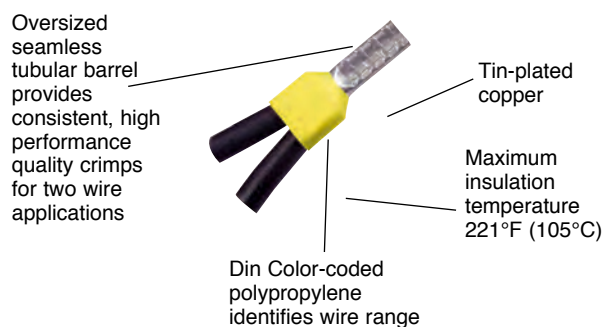
Features and Benefits – Pan-Term® Ferrules

Panduit® ferrules are available for wiring applications from #26 – 500 kcmil. Offerings include insulated and non-insulated ferrules, in single-wire or double-wire configurations. Insulated ferrules are color-coded to DIN standards. Crimped on the metal barrel these ferrules provide improved performance for terminal block and panel building applications. All Panduit ferrules are CSA Certified. Panduit 1/0 to 20 AWG ferrules are UL listed per UL486F Standard.

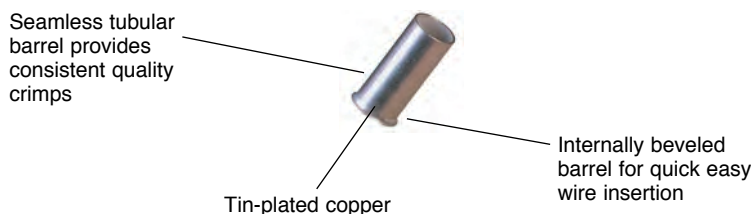
Insulated Ferrules – Single Wire Type FSD



Insulated Ferrules – Twin Wire Type FTD



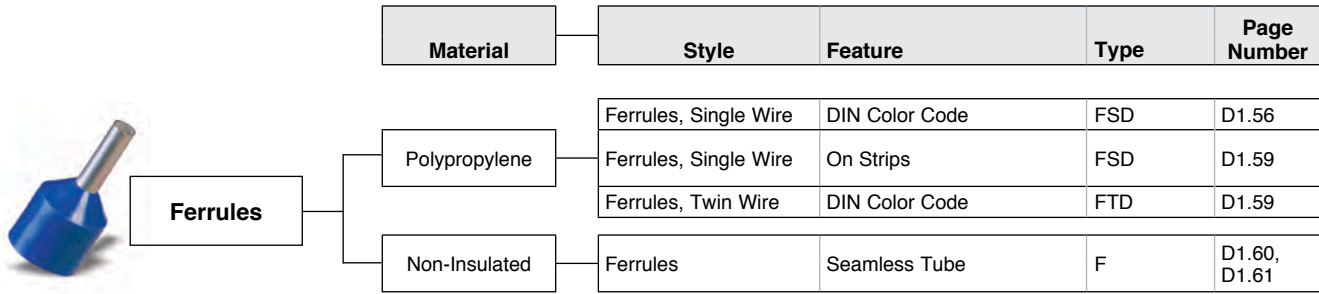
Non-Insulated Ferrules Type F



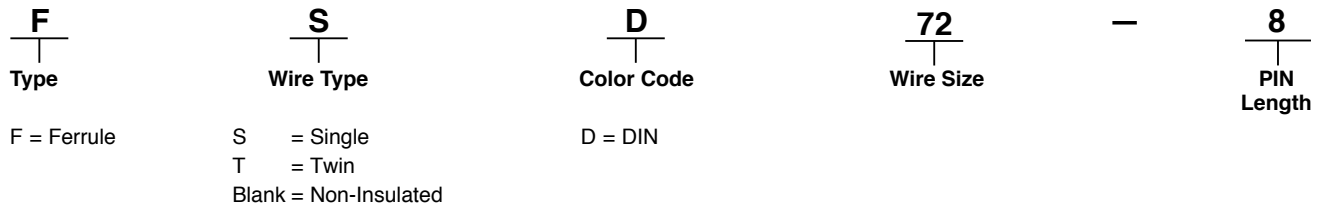
Panduit designs and manufactures a full line of labeling products, software, and printers to assist you with your labeling requirements.

See pages E1.1 – E2.27.

Selection Guide – Pan-Term® Ferrules



Part Number System for Pan-Term® Ferrules

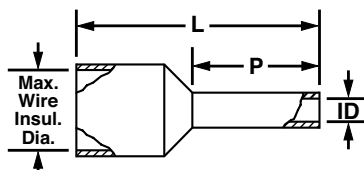




Insulated Ferrules – Single Wire DIN End Sleeve

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		Color Code	Max. Wire Insul. Dia.		Figure Dimensions						Wire Strip Length		Recommended Installation Tool	Std. Pkg. Qty.
	AWG	mm ²		In.	mm	L		P		ID		In.	mm		
FSD72-6-D	26 AWG	0.14	Gray	0.07	2.0	0.41	10.5	24.0	6.0	0.03	0.8	3/8	9.5	CT-1002, CT-1123	500
FSD72-8-D	26 AWG	0.14	Gray	0.07	2.0	0.49	12.5	31.0	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	24.0	6.0	0.03	0.8	3/8	9.5	CT-1002, CT-1123	500
FSD73-8-D	24 AWG	0.25	Yellow	0.07	2.0	0.49	12.5	31.0	8.0	0.03	0.8	15/32	11.9		500
FSD74-6-D	24-22 AWG	0.34	Turquoise	0.07	2.0	0.41	10.5	24.0	6.0	0.03	0.8	3/8	9.5	CT-1002, CT-1123	500
FSD74-8-D	24-22 AWG	0.34	Turquoise	0.07	2.0	0.49	12.5	31.0	8.0	0.03	0.8	15/32	11.9		500
FSD75-6-D*	22-20 AWG	0.5	White	0.09	2.5	0.45	11.5	24.0	6.0	0.04	1.1	3/8	9.5	CT-1002, CT-1003, CT-1123	500
FSD75-8-D*				0.09	2.5	0.53	13.5	31.0	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	3/8	9.5		500
FSD76-6-D	18 AWG	0.75	Gray	0.11	2.8	0.47	12.0	0.24	6.0	0.05	1.3	15/32	11.9	CT-1002, CT-1003, CT-1123	500
FSD76-8-D				0.11	2.8	0.55	14.0	0.31	8.0	0.05	1.3	17/32	13.5		500
FSD76-10-D				0.11	2.8	0.63	16.0	0.39	10.0	0.05	1.3	3/8	9.5		500
FSD76-12-D				0.11	2.8	0.71	18.0	0.47	12.0	0.05	1.3	15/32	11.9		500
FSD77-6-D	1.0	Red	Red	0.12	3.0	0.49	12.5	0.24	6.0	0.06	1.5	17/32	13.5	CT-1002, CT-1003, CT-1123	500
FSD77-8-D				0.12	3.0	0.57	14.5	0.31	8.0	0.06	1.5	5/8	15.9		500
FSD77-10-D				0.12	3.0	0.65	16.5	0.39	10.0	0.06	1.5	3/8	9.5		500
FSD77-12-D				0.12	3.0	0.73	18.5	0.47	12.0	0.06	1.5	15/32	11.9		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	17/32	13.5	CT-1002, CT-1003, CT-1123	500
FSD78-8-D				0.12	3.0	0.57	14.5	0.31	8.0	0.07	1.8	5/8	15.9		500
FSD78-10-D				0.12	3.0	0.65	16.5	0.39	10.0	0.07	1.8	3/8	9.5		500
FSD78-12-D				0.12	3.0	0.73	18.5	0.47	12.0	0.07	1.8	15/32	11.9		500
FSD78-18-D				0.12	3.0	0.96	24.5	0.71	18.0	0.07	1.8	17/32	13.5		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	5/8	15.9	CT-1002, CT-1123, ‡CT-1003	500
FSD80-8-D				0.17	4.2	0.59	15.0	0.31	8.0	0.09	2.3	7/8	22.2		500
FSD80-12-D	2.5	Blue	Blue	0.17	4.2	0.75	19.0	0.47	12.0	0.09	2.3	15/32	11.9	CT-1002, CT-1123, ‡CT-1003	500
FSD80-18-D				0.17	4.2	0.98	25.0	0.71	18.0	0.09	2.3	15/32	11.9		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	5/8	15.9	CT-1002, CT-1123, ‡CT-1003	500
FSD81-12-C				0.19	4.8	0.79	20.0	0.47	12.0	0.11	2.9	7/8	22.2		100
FSD81-18-C				0.19	4.8	1.02	26.0	0.71	18.0	0.11	2.9	17/32	13.5		100
FSD82-12-C	10 AWG	6.0	Yellow	0.24	6.2	0.79	20.0	0.47	12.0	0.14	3.6	5/8	15.9	CT-1002, CT-1123, ‡CT-1003	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

‡ Tool/part not a UL listed combination For crimping tool information see www.panduit.com/tools.

*Not UL listed with 22 AWG wire

**Dies used with CT-3001 or CT-3001/E Tool