

PANDUIT Insulated/Uninsulated Ferrules



RoHS Compliant This product is RoHS compliant.

REEL SMART™ CONTINUOUSLY MOLDED FERRULES

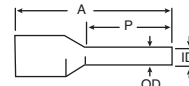
Deliver speed and reliability for higher volume terminations. The continuously molded design provides quick consistent placement of ferrules in tools to ensure reliable terminations.

Features:

- Available in #20 - #14 AWG featuring a seamless barrel design to contain loose wire strands for superior terminations.

Specifications:

- Housing material: Polypropylene
- Flammability: ULV2
- Ferrule Material: Tin-plated copper
- Temp Rating: 221°F (105°C)



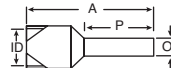
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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Panduit Part No.	Wire Size		Color	Dimensions: mm				Price Each				Tooling
		AWG	mm ²		A	P	ID	OD	1	10	50	100	
644-FSD75-8-DSL10	FSD75-8-DSL10	20	.50	White	15.2	8.0	1.0	1.4	5.08	4.82	4.58	4.35	CT-1000
644-FS75-8-DSL3	FS75-8-DSL3	20	.50	Orange	15.2	8.0	1.0	1.4	5.27	5.01	4.75	4.52	
644-FSD76-8-DSL8	FSD76-8-DSL8	18	.75	Gray	15.2	8.0	1.2	1.6	4.27	4.05	3.85	3.66	
644-FS76-8-DSL10	FS76-8-DSL10	18	.75	White	15.2	8.0	1.2	1.6	5.26	5.00	4.74	4.51	
644-FS76-8-DSL7	FS76-8-DSL7	18	.75	Lt. Blue	15.2	8.0	1.2	1.6	5.26	5.00	4.74	4.51	
644-FSD77-8-DSL2	FSD77-8-DSL2	18	1.00	Red	15.2	8.0	1.5	1.8	5.27	5.01	4.75	4.52	
644-FSD78-8-DSL0	FSD78-8-DSL0	16	1.50	Black	15.2	8.0	1.8	2.1	4.80	4.55	4.33	4.11	
644-FSD80-8-DSL6	FSD80-8-DSL6	14	2.50	Blue	15.2	8.0	2.3	2.6	5.25	4.98	4.74	4.50	

INSULATED FERRULES, SINGLE WIRE END SLEEVE

- Ease of wire insertion eliminates loose strands of wire
- No unwanted contacts when installing or removing the wire
- Encapsulated crimp eliminates stray wire breakage
- Great for limited space applications
- Wire strands will not fray or spread
- Maximizes a reliable electrical connection



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MOUSER STOCK NO.	Panduit Part No.	Wire Size		Color	Dimensions: mm				Price Each				Tooling
		AWG	mm ²		A	P	ID	OD	1	10	50	100	
644-FSD75-8-D	FSD75-8-D	22	0.50	White	13.5	8.0	2.5	1.4	.47	.384	.312	.26	CT-1002
644-FSD75-10-D	FSD75-10-D	22	0.50	White	15.5	10.0	2.5	1.4	.81	.634	.507	.383	
644-FSD76-8-D	FSD76-8-D	20	0.75	Gray	14.0	8.0	2.8	1.6	.46	.36	.29	.23	CT-1003
644-FSD77-8-D	FSD77-8-D	18	1	Red	14.5	8.0	3.0	1.8	.56	.43	.34	.27	
644-FSD77-10-D	FSD77-10-D	18	1	Red	16.5	10.0	3.0	1.8	.76	.60	.476	.369	
644-FSD78-8-D	FSD78-8-D	16	1.5	Black	14.5	8.0	3.4	2.1	.89	.66	.54	.41	
644-FSD78-10-D	FSD78-10-D	16	1.5	Black	16.5	10.0	3.4	2.1	.96	.73	.571	.452	
644-FSD78-18-D	FSD78-18-D	16	1.5	Black	24.5	18.0	3.4	2.1	.81	.62	.48	.38	
644-FSD80-8-D	FSD80-8-D	14	2.50	Blue	15.0	8.0	4.2	2.6	.76	.60	.46	.36	
644-FSD80-18-D	FSD80-18-D	14	2.50	Blue	25.0	18.0	4.2	2.6	1.28	.97	.738	.619	

INSULATED FERRULES, TWIN WIRE END SLEEVE

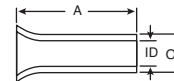
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MOUSER STOCK NO.	Panduit Part No.	Wire Size		Color	Dimensions: mm				Price Each				Tooling
		AWG	mm ²		A	P	ID	OD	1	10	50	100	
644-FTD75-8-D	FTD75-8-D	22	0.50	White	15.0	8.0	1.5	1.8	1.05	.811	.63	.519	CT-1002
644-FTD76-8-D	FTD76-8-D	20	0.75	Gray	15.0	8.0	1.8	2.1	1.28	.97	.738	.619	
644-FTD77-8-D	FTD77-8-D	18	1	Red	15.0	8.0	2.1	2.4	1.21	.94	.75	.60	CT-1003
644-FTD78-8-D	FTD78-8-D	16	1.5	Black	16.0	8.0	2.3	2.6	1.57	1.19	.964	.75	

NON-INSULATED FERRULES, SINGLE WIRE END SLEEVE

Panduit Ferrules are available for wiring applications from #26 AWG to #1 AWG. Offerings include insulated and non-insulated ferrules, in single-wire or double-wire configurations.

- 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



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MOUSER STOCK NO.	Panduit Part No.	Wire Size		Color	Dimensions: mm			Price Each				Tooling
		AWG	mm ²		A	P	ID	1	100	200	500	
644-F73-5-M	F73-5-M	24	0.25	Neutral	5.0	0.8	1.1	.30	.22	.166	.154	CT-1002
644-F74-5-M	F74-5-M	24	0.34	Neutral	5.0	0.9	1.2	.38	.27	.202	.178	
644-F75-6-M	F75-6-M	22	0.50	Neutral	5.0	1.0	1.3	.34	.23	.214	.178	CT-1003
644-F75-8-M	F75-8-M	22	0.50	Neutral	8.0	1.0	1.3	.36	.249	.218	.187	
644-F76-6-M	F76-6-M	20	0.75	Neutral	6.0	1.2	1.5	.42	.291	.26	.222	
644-F77-6-M	F77-6-M	18	1	Neutral	6.0	1.4	1.7	.30	.208	.187	.156	
644-F78-7-M	F78-7-M	16	1.5	Neutral	7.0	1.7	2.0	.36	.27	.226	.19	
644-F78-8-M	F78-8-M	16	1.5	Neutral	8.0	1.7	2.0	.46	.332	.283	.247	
644-F78-10-M	F78-10-M	16	1.5	Neutral	10.0	1.7	2.0	.36	.27	.226	.19	
644-F78-15-M	F78-15-M	16	1.5	Neutral	15.0	1.7	2.0	.37	.28	.234	.197	
644-F80-7-M	F80-7-M	14	2.5	Neutral	7.0	2.2	2.5	.39	.30	.237	.214	
644-F80-10-M	F80-10-M	14	2.5	Neutral	10.0	2.2	2.5	.40	.30	.249	.214	
644-F80-15-M	F80-15-M	14	2.5	Neutral	15.0	2.2	2.5	.67	.488	.42	.321	
644-F81-9-M	F81-9-M	12	4	Neutral	9.0	2.8	3.2	.57	.44	.333	.273	
644-F81-15-M	F81-15-M	12	4	Neutral	15.0	2.8	3.2	.91	.686	.556	.42	
644-F82-10-M	F82-10-M	10	6	Neutral	10.0	3.5	3.9	.52	.40	.308	.284	

FERRULE END SLEEVE CRIMPING TOOLS

These ergonomically engineered crimping tools promote operator comfort and safety, which leads to greater productivity. • 2 year warranty • Superior Crimp Performance

MOUSER STOCK NO.	Panduit Part No.	Description	Price Each
644-CT-1002	CT-1002	Crimps PANDUIT #26-#10 AWG single wire vinyl insulated ferrules. #22-#12 AWG vinyl insulated dual-wire ferrules, #24-#10 AWG non-insulated ferrules.	320.43
644-CT-1003	CT-1003	Crimps PANDUIT #22-#8 AWG single wire insulated ferrules. #22-#12 AWG vinyl insulated dual-wire ferrules. #22-#10 AWG non-insulated ferrules.	320.43

SEMAUTOMATIC FERRULE CRIMPING TOOL

For use with Reel Smart™ continuously molded ferrules in strips of 50.

- Adjustable die setting
- Controlled cycle tool cuts, strips, and crimps wire to maximize efficiency

MOUSER STOCK NO.	Panduit Part No.	Description	Price Each
644-CT-1000	CT-1000	Crimps PANDUIT #20 - #14 AWG continuously molded ferrules in strips. Also cuts and strips wire.	350.99

FERRULE KITS

Plastic case, Assorted Insulated and Non-Insulated Ferrules



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MOUSER STOCK NO.	Panduit Part No.	Description	Price Each
644-KP-FSD1	KP-FSD1	#24-#18 AWG insulated. Kit includes: 30 pcs. ea. of FSD73-6, FSD74-6, FSD75-8, FSD76-8 and FSD77-8	80.26
644-KP-FSD2	KP-FSD2	#22-#14 AWG Insulated. Kit includes 100 pcs. ea. of FSD76-8, FSD77-8, FSD78-8 and 50 pcs. ea. of FSD75-8 and FSD80-8.	92.40
644-KP-F2	KP-F2	#12-#6 AWG Non-Insulated. Kit Includes: 150 pcs. of F81-9, 100 pcs. of F82-10, 80 pcs. of F83-12 and 40 pcs. of F84-12	82.55