

DIN Rail Holder for Shielded IDC Field Wireable Connectors

Features

- Insulation displacement connector (IDC)
- Cat6a (Gigabit)
- 5-year warranty

**490238**

DIN Rail Holder for Shielded IDC Field Wireable Connectors

Part Number	Price	Number of Wires	Connector Type	Connection	Conductor Color Code	Drawing Link
490209	\$28.00	8	RJ45 female axial 8-wire/8-pin	Cat6a	TIA-568B	PDF
490238	\$28.00		RJ45 female axial 8-wire/8-pin		TIA-568A	PDF

DIN Rail Holder for Shielded IDC Field Wireable Connectors Specifications

Model	490209	490238
Type	RJ45:8-Wire, 8-Pin	
Rated Voltage	24V AC/DC	
Max. Current Per Contact	≤1A	
Transmission Type	Cat6a	
Transfer Rate	10 Gbit/s	
Bandwidth	500 MHz	
Operating Temperature Range	-40 to 85°C [-40 to 185°F]	
Protection Degree	IP20	
Flammability	V0 according to UL 94	
Wire Ø	0.9 to 1.6 mm	
Outside Cable Ø	9mm	
Conductor Cross Section	26-22 AWG [0-14 to 0.34 mm²]	
DIN rail Holder Material	Polycarbonate (PC)	
Contact Material	Copper Tin Alloy (CuSn) gold plated	
Approvals*	cULus	

*To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

Pin Assignments

TIA-T568A

1	WH-GN
2	GN
3	WH-OG
4	BU
5	WH-BU
6	OG
7	WH-BN
8	BN

TIA-T568B

1	WH-OG
2	OG
3	WH-GN
4	BU
5	WH-BU
6	GN
7	WH-BN
8	BN

Profinet/Industrial

1	YE
2	OG
3	WH
4	—
5	—
6	BU
7	—
8	—

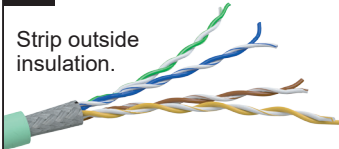
Field Wireable Connectors - Data

DIN Rail Holder for Shielded IDC Field Wireable Connectors

Assembly/Disassembly Instructions

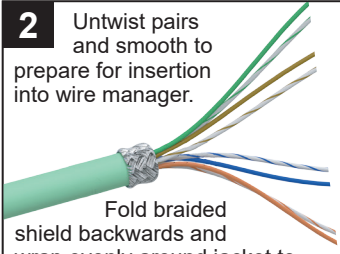
1 Prepare RJ45 connector

Strip outside insulation.



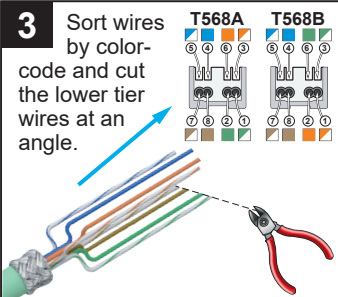
Leave min. 40mm of twisted pairs and 10-15 mm section of braided shield.

2 Untwist pairs and smooth to prepare for insertion into wire manager.



Fold braided shield backwards and wrap evenly around jacket to form band approx. 6 mm wide.

3 Sort wires by color-code and cut the lower tier wires at an angle.



T568A
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