

Cat8.1 40G Shielded Toolless RJ45 Modular Field Termination Plug

For Easy and Quick High-quality Cable Assembly, Ideal for Data Centers, STP, for Solid & Stranded Wire, Gold-plated Contacts, Metal Housing

Part No.: 791199

EAN-13: 0766623791199 | UPC: 766623791199

Field-installable Cat8.1 STP RJ45 Modular Plug for easy, fast and tool-free high-quality cable assembly in data centers

The Cat8.1 40G Shielded Toolless RJ45 Modular Field Termination Plug from Intellinet Network Solutions is designed for time-saving, high-quality cable terminations even when out in the field, especially for ToR (Top of Rack) and MoR (Middle of Row) installations in data centers. Without any special tools, the cable can be assembled within few minutes.

Future-proof high-end connection

This plug is suitable for both stranded and solid conductor cables for ultra-high performance network applications up to 25GBase-T and 40GBase-T with PoE applications up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE. For maximum signal integrity, it is equipped with gold-plated contacts and 360° STP shielding.

Features:

- For easy, time-saving and tool-free high-performance network cable assembly in the field

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- Cat8.1 STP 360° shielded premium RJ45 plug for 25G / 40G and PoE applications up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE
- Future-proof high-end connection; ideal for ToR and MoR cabling installations in data centers
- 3 micro-inch gold-plated contacts
- Supports solid wire with AWG 26/1 to 23/1 and stranded wire with AWG 27/7 to 23/7
- Suitable for extreme operating temperatures of -40 to 60°C (-40 to 140°F)
- Permanent link distance up to 24 m (80 ft.) and channel link up to 30 m (100 ft.)
- Adjustable strain relief
- Standard 8P8C design, compatible with all network RJ45 connections
- Compatible and color-coded with T568A and T568B
- Fits round cable
- Lifetime warranty

Specifications:

Standards and Certifications
• CE
• RoHS

General
• Supports transfer speeds up to 40 Gbps
• Max. operating frequency: 2,000 MHz
• Supports all PoE standards up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE
• Mating cycles: ≥750

Material
• Contacts: phosphor bronze
• Contact plating: 3 micro-inch gold
• IDC: phosphor bronze
• Housing: zinc die casting

Electrical
• Insulation resistance: ≥ 500 MOhm
• Dielectric withstanding voltage: 1,000 V DC/700 V AC
• Contact resistance: ≥20 MOhm
• Current rating: 1.5 A

Physical
• Dimensions (L x W x H): 58 x 12 x 14 mm (2.28 x 0.47 x 0.55 in.)
• Weight: 30 g (1.06 oz.)

Environmental
• Operating temperature: -40 - 60°C (-40 - 140°F)

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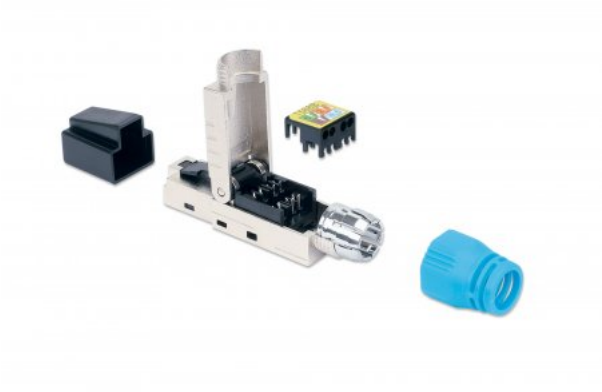
- Storage temperature: -40 - 70°C (-40 - 158°F)
- Operating humidity (non-condensing): 10 - 85% RH

Package Contents
- Cat8.1 40G Shielded Toolless RJ45 Modular Field Termination Plug
- Instructions






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