



Cat8.1 40G Shielded Toolless RJ45 Modular Field Termination Plug with Pull-ring Release

For Easy and Quick High-quality Cable Assembly, Ideal for Data Centers, STP, 2 GHz, for Solid Wire, Gold-plated Contacts, Metal Housing, Silver

Part No.: **771931**

EAN-13: 0766623771931 | UPC: 766623771931

Field-installable Cat8 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 you're out in the field, especially for ToR (Top of Rack) and MoR (Middle of Row) installations in data centers. This termination plug helps you assemble your cable within a few minutes without special tools. A built-in pull-ring release tab makes disconnecting from the RJ45 port easier, especially in hard-to-reach places.

Future-proof high-end connection

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

Features:

For more information on Intellinet products, consult your local dealer or visit www.intellinet-network.com.

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- For easy, time-saving and tool-free high-performance network cable assembly in the field
- Cat8.1 STP 360° shielded premium RJ45 plug for 25G / 40G and PoE applications up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE
- Built-in pull-ring with release tab to disconnect easier from the RJ45 port, especially in hard-to-reach places
- Future-proof high-end connection; ideal for ToR and MoR cabling installations in data centers
- 50 micro-inch gold-plated contacts
- Supports solid wire with AWG 24/1 to 23/1
- Suitable for wide operating temperatures of -10 to 60°C (14 to 140°F)
- Permanent link distance up to 24 m (80 ft.) and channel link up to 30 m (100 ft.)
- Adjustable strain relief
- Compliant with ANSI/TIA-568.2-D, ISO/IEC 11801 and IEC 60603-7
- 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

- ISO/IEC 11801
- ISO/IEC 60603-7
- ANSI/TIA-568.2-D
- CE
- RoHS
- REACH
- UKCA

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: 50 micro-inch gold
- IDC: phosphor bronze
- Housing: zinc die casting, nickel-plated

Electrical

- Insulation resistance: ≥ 500 MOhm
- Dielectric withstanding voltage: 1,000 V DC/750 V AC
- Contact resistance: ≥ 20 MOhm

- DC resistance: ≥ 0.3 Ohm
- Current rating: 1.5 A

Physical

- Dimensions (L x W x H): 63 x 14 x 17 mm (2.48 x 0.55 x 0.67 in.)
- Net weight: 15 g (0.53 oz.)
- Gross weight: 20 g (0.71 oz.)

Environmental

- Operating temperature: -10 - 60°C (14 - 140°F)
- Storage temperature: -40 - 70°C (-40 - 158°F)
- Operating humidity (non-condensing): 10 - 90% RH

Package Contents

- Cat8.1 40G Shielded Toolless RJ45 Modular Field Termination Plug with Pull-ring Release
- Instructions

This product is part of a group; the complete list of variations follows:

- #790796 - Cat6a STP Toolless RJ45 Field Termination Plug
- #790741 - Cat6a STP Toolless RJ45 Field Termination Plug with Pull-ring Release
- #791199 - Cat8.1 STP Toolless RJ45 Field Termination Plug
- #771931 - Cat8.1 STP Toolless RJ45 Field Termination Plug with Pull-ring Release



