



## Cat6a 10G Shielded Toolless RJ45 Modular Field Termination Plug

For Easy and Quick High-quality Cable Assembly in the Field, STP, for Solid & Stranded Wire, Gold-plated Contacts, Metal Housing, Silver

Part No.: 790796

EAN-13: 0766623790796 | UPC: 766623790796

### Field-installable Cat6a STP RJ45 Modular Plug for easy, fast and tool-free high-quality cable assembly

The Cat6a 10G 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 for such devices as security cameras, industrial electronics and more. Without any special tools, the cable can be assembled within two minutes. This plug is suitable for both stranded and solid conductor cables for high-performance network applications up to 10GBase-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
- Cat6a STP 360° shielded premium RJ45 plug for 10G and PoE applications up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE
- 50 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

For more information on Intellinet products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).

All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.

- Adjustable strain relief
- Compliant with ANSI/TIA-568-D, ISO/IEC 11801 and IEC 60603-7-51
- 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
- FCC
- ISO/IEC 11801
- IEC 60603-7-51
- Cat5 (ANSI/TIA/EIA-568-D)
- Cat5e (TIA/EIA-568-D)
- Cat6 (ANSI/TIA-568-D)
- Cat6a (ANSI/TIA-568-D)

### General

- Supports transfer speeds up to 10 Gbps
- Max. operating frequency: 500 MHz
- Supports all PoE standards up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE
- Mating cycles:  $\geq 750$

### Material

- Contacts: phosphor bronze
- Contact plating: 50 micro-inch gold
- IDC: phosphor bronze
- Housing: zinc die casting

### Electrical

- Insulation resistance:  $\geq 500$  MOhm
- Dielectric withstanding voltage: 1,000 V DC/750 V AC
- Contact resistance:  $\leq 20$  MOhm
- Current rating: 1.5 A

### Physical

- Dimensions (L x W x H): 41 x 15 x 18 mm (1.61 x 0.59 x 0.71 in.)
- 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

- Cat6a 10G Shielded Toolless RJ45 Modular Field Termination Plug
- 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



