



Cat6a 10G Shielded Modular RJ45 Inline Coupler

Connects Two Network Patch Cables, FTP, Two RJ45 Ports, 8P8C Female to 8P8C Female, Gold-plated Contacts, Metal Housing, Silver
Part No.: 771924

EAN-13: 0766623771924 | UPC: 766623771924

Cat6a Coupler - Connect Cat6a cables to create a longer 10G link

The Cat6a 10G Shielded Modular RJ45 Inline Coupler from Intellinet Network Solutions easily extends or connects patch cables to create longer links to networking devices. It is equipped with gold-plated contacts and 360° FTP shielding to guarantee the highest signal integrity. It is suitable for high-performance network applications up to 10GBase-T with PoE applications up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE.

Features:

- Easily extends or connects RJ45 patch cables
- Cat6a FTP 360° shielded premium RJ45 coupler for 10G and PoE applications up to IEEE802.3bt / PoE++ / 4PPoE / Ultra PoE
- 50 micro-inch gold-plated contacts
- Fully shielded for maximum data integrity and reduced interference
- Suitable for wide operating temperatures of -10 to 60°C (14 to 140°F)
- Compliant with ANSI/TIA-568.2-D, ISO/IEC 11801 and IEC 60603-7-5
- Standard 8P8C design, compatible with all network RJ45 connections
- UL approved

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

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- Lifetime warranty

Specifications:

Standards and Certifications

- CE
- RoHS
- ISO/IEC 11801
- ISO/IEC 60603-7-5
- ANSI/TIA-568.2-D
- UL
- REACH
- UKCA

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: ≥ 750
- Insertion force: 30N max.
- Retention strength: 7.7 kg (17 lbs.) between jack and plug

Material

- Contacts: phosphor bronze
- Contact plating: 50 micro-inch gold
- IDC: phosphor bronze
- Flammability:
 - Housing: ABS, tested and rated in accordance with UL 94 V-0
 - Contacts bracket: Polycarbonate, tested and rated in accordance with UL 94

V-2

- PCB: tested and rated in accordance with FR-4 and UL 94 V-0

Electrical

- Insulation resistance: ≥ 500 MOhm
- Dielectric withstanding voltage: 1,000 V DC/750 V AC
- Contact resistance: ≤ 20 MOhm
- UL voltage rating: 150.0 V
- Current rating: 1.0 A

Physical

- Dimensions (L x W x H): 37 x 18 x 22 mm (1.46 x 0.71 x 0.87 in.)
- Net weight: 18 g (0.63 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

- Cat6a 10G Shielded Modular RJ45 Inline Coupler
- Instructions



