

RJ45 Coupler 5-Pack, Inline Cat6 Coupler, Female to Female (F/F) T568B Connector, Unshielded Ethernet Cable Extension

Product ID: IN-CAT6-COUPLER-U5



The RJ45 Coupler 5-Pack is a convenient solution for multiple installations. Connect two Cat 6 cables to extend a network connection. The female to female Ethernet coupler maintains optimal signal integrity while achieving low insertion loss that exceeds industry standards.

The Cat6 Coupler facilitates 10Gbps, 1Gbps, and 10/100 speeds and is compatible with common networking standards including 10/100/1000BASE-T, and advanced protocols such as 2.5GBASE-T/5GBASE-T

The RJ45 Coupler features a durable polycarbonate housing and gold-plated phosphor bronze RJ45 contacts for dependable, long-lasting performance and reliability.

Certifications, Reports and Compatibility



Applications

- Join two Cat6 cables to extend a network connection
- Convenient 5-pack facilitates multiple installations

Features

- CONVENIENT 5-PACK: The RJ45 Coupler features a compact design with straight-through T568B pinouts;

Available in a 5-pack for IT professionals managing multiple setups in offices, server rooms, and LANs; Connect two Cat6 cables in tight spaces

- **ROBUST CONSTRUCTION:** Cat6 Ethernet Coupler with durable polycarbonate housing enhances wear protection in tough environments; Female RJ45 contacts made from gold-plated phosphor bronze for improved conductivity and corrosion resistance
- **RELIABLE DATA TRANSMISSION:** Supports 10Gbps, 1Gbps, and 10/100 Ethernet speeds with PoE for versatile and reliable transfer rates between devices; Insertion Loss margin of 35.4dB with 17.5dB Headroom exceeds TIA-568-C.2 standards
- **COMPATIBILITY:** Compatible with Cat 6 and Cat 5/5e cables, 10/100/1000 and 2.5G/5G/10G networks; Compatible Standards: 10BASE-T/100BASE-TX/100BASE-T4/1000BASE-T, 2.5GBASE-T/5GBASE-T, ATM-25/ATM-51/ATM-155, TR-16 Active/Passive, TR-4, 100VG-AnyLan
- **QUICK INSTALLATION:** Simple plug-and-play design requires no tools for quick and hassle-free setup; No additional software or configuration required; This RJ45 Coupler 5-Pack is available as a single SKU (IN-CAT6-COUPLER-U1)

Hardware

| | |
|---------------------------|--|
| Warranty | Lifetime |
| Active or Passive Adapter | Passive |
| Ports | 2 |
| Number of Conductors | 8P8C |
| Wiring Standard | TIA/EIA-T568B |
| Industry Standards | IEEE 802.3 10/100/1000BASE-T IEEE 802.3bz 2.5GBASE-T IEEE 802.3bz 5GBASE-T IEEE 802.3ae 10GBASE-T |

Performance

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|------|---------------------------------------|
| MTBF | Tested to 750 connector mating cycles |
|------|---------------------------------------|

Connector(s)

| | |
|-------------|-----------|
| Connector A | 1 - RJ-45 |
| Connector B | 1 - RJ-45 |

Environmental

| | |
|-----------------------|-------------------------|
| Operating Temperature | 0C to 70C (32F to 158F) |
|-----------------------|-------------------------|

Storage Temperature -40C to 85C (-40F to 185F)

Humidity 15%-65%

Physical Characteristics

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|-------------------|-----------------|
| Color | White |
| Material | Polycarbonate |
| Product Length | 1.2 in [3.0 cm] |
| Product Width | 0.6 in [1.5 cm] |
| Product Height | 0.7 in [1.7 cm] |
| Weight of Product | 0.7 oz [20.0 g] |

Packaging Information

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|---------------------------|-----------------|
| Package Quantity | 5 |
| Package Length | 3.6 in [9.1 cm] |
| Package Width | 3.5 in [8.9 cm] |
| Package Height | 0.7 in [1.9 cm] |
| Shipping (Package) Weight | 0.8 oz [24.0 g] |

What's in the Box

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|---------------------|--|
| Included in Package | 5 - RJ45 Modular Inline Coupler Unshielded |
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Warranty Information

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|----------|----------|
| Warranty | Lifetime |
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**Product appearance and specifications are subject to change without notice.*