

Shielded RJ45 Coupler, Inline Cat6a Coupler, Female to Female (F/F) T568B Pinout, Shielded Ethernet Cable Extension

Productcode: IN-CAT6A-COUPLER-S1



Connect two Cat 6a cables to extend a network connection, using this Shielded RJ45 Inline Coupler. The female to female Ethernet coupler maintains optimal signal integrity while achieving low insertion loss that exceeds industry standards.

The Cat6a Coupler supports up to 10Gbps and is compatible with common networking standards including 10/100/1000BASE-T, and advanced protocols such as 2.5GBASE-T/5GBASE-T. The Shielded Inline RJ45 coupler facilitates Power-over-Ethernet (PoE) to power network peripheral devices.

The Shielded RJ45 Cat6a Coupler features a durable metal outer shell with ABS inner housing to enhance EMI protection, and gold-plated phosphor bronze contacts for dependable, long-lasting performance and reliability.

Certificaties, rapporten en compatibiliteit



Toepassingen

- Join two shielded Cat6a cables to extend a network connection
- Extend a PoE connection to a network device or peripheral

Eigenschappen

- **SHIELDED CAT6A COUPLER:** Shielded RJ45 Coupler features a compact design with straight-through TIA/EIA-T568B pinouts; Connect two Cat6a or Cat6 Ethernet cables seamlessly in tight spaces; Ideal for office use, server setups, and home networks
- **ROBUST CONSTRUCTION:** Cat6a Ethernet Coupler features a durable metal outer shell with ABS inner housing for enhanced EMI and wear protection; Female RJ45 contacts made from gold-plated phosphor bronze for optimal conductivity and corrosion resistance
- **RELIABLE DATA AND POWER:** Facilitates Power over Ethernet (PoE) output to networking devices and peripherals; Supports 10Gbps, 1Gbps, and 10/100 speeds for versatile and reliable transfer rates between devices
- **COMPATIBILITY:** Compatible with Cat 6/6a and Cat 5/5e cables; Support 2.5G/5G/10G and 10/100/1000 networks; Extend a PoE connection to a network camera, access point, or switch; Cat6a performance is compliant with ANSI/TIA/EIA-568-C standards
- **QUICK INSTALLATION:** Simple plug-and-play design requires no tools for quick and hassle-free setup; No additional software or configuration required

Hardware

Garantiebeleid	Lifetime
Active or Passive Adapter	Passief
Poorten	2
Aantal geleiders	8P8C
Connectormateriaal	Goud
Kabelstandaard	TIA/EIA-T568B

Prestaties

Maximale overdrachtsnelheid	10 Gbps
Maximale kabellengte	328.0 ft [100 m]
MTBF	Getest op 750 connector koppelcycli

Connector(en)

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

Gebruiksomgeving

Bedrijfstemperatuur	-20°C to 65°C (-4°F to 149°F)
Opslagtemperatuur	-25°C to 75°C (-13°F to 167°F)
Vochtigheid	30-70%

Fysieke eigenschappen

Kleur	Zilver
Stijl connector	Recht
Type behuizing	ABS
	Metal
Lengte product	1.2 in [3.1 cm]
Breedte product	0.6 in [1.6 cm]
Hoogte product	0.8 in [2.0 cm]
Gewicht product	0.0 oz [0.0 g]

Verpakkingsinformatie

Package Length	3.5 in [9.0 cm]
Package Width	4.9 in [12.5 cm]
Package Height	0.1 in [2.0 mm]
Verzendgewicht (verpakt)	0.4 oz [10.0 g]

Wat wordt er meegeleverd

Meegeleverd	1 - RJ45 Shielded Modular Inline Coupler - Cat6a
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* Uitvoering en specificaties van het product zijn zonder aankondiging vatbaar voor wijzigingen.