

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

ID prodotto: 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.

Certificazioni, report e compatibilità



Applicazioni

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

Caratteristiche

- **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

Norme di garanzia	Lifetime
Active or Passive Adapter	Passivo
Porte	2
Numero di conduttori	8P8C
Placcatura connettori	Oro
Standard cablaggio	TIA/EIA-T568B

Prestazioni

Massima velocità di trasferimento dati	10 Gbps
Lunghezza max cavo	328.0 ft [100 m]
MTBF	Testato per 750 cicli di accoppiamento del connettore

Connettore/i

Connettore A	1 - RJ-45
Connettore B	1 - RJ-45

Ambientale

Temperatura d'esercizio	-20°C to 65°C (-4°F to 149°F)
Temperatura di conservazione	-25°C to 75°C (-13°F to 167°F)
Umidità	30-70%

Caratteristiche fisiche

Colore	Argento
Stile connettori	Dritto
Tipo enclosure	ABS
	Metal
Lunghezza prodotto	1.2 in [3.1 cm]
Larghezza prodotto	0.6 in [1.6 cm]
Altezza prodotto	0.8 in [2.0 cm]
Peso prodotto	0.0 oz [0.0 g]

Informazioni confezione

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

Contenuto della confezione

Incluso nella confezione	1 - RJ45 Shielded Modular Inline Coupler - Cat6a
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* L'aspetto e le specifiche dell'articolo sono soggetti a modifiche senza preavviso.