RJ45 Coupler 5-Pack, Inline Cat6 Coupler, Female to Female (F/F) T568 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; 5 Pack,

ideal 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
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

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

Color	White
Material	Polycarbonate
Product Length	0.0 in [0.0 mm]
Product Width	0.0 in [0.0 cm]
Product Height	0.0 in [0.0 cm]
Weight of Product	0.0 oz [0.0 g]

Packaging Information

Package Length	5.0 in [12.8 cm]
Package Width	8.7 in [22.0 cm]
Package Height	1.2 in [3.0 cm]
Shipping (Package) Weight	3.7 oz [104.0 g]

What's in the Box

Included in Package	5 - RJ45 Modular Inline Coupler Unshielded

*Product appearance and specifications are subject to change without notice.