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		
	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	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	0.0 oz [0.0 g]
Packaging Information		
	Package Length	3.5 in [9.0 cm]
	Package Width	4.9 in [12.5 cm]
	Package Height	1.2 in [3.0 cm]
	Shipping (Package) Weight	0.9 oz [25.0 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.