LC to LC Coupler, LC Fiber Coupler, LC/UPC Keystone Jack, Duplex Fiber Optic LC Keystone Coupler for Patch Panel

Product ID: DMFKSLCLCCOUPLER



Connect two LC Duplex fiber cables featuring UPC polished ends to extend a network connection, using this LC to LC Keystone Coupler. The female to female fiber coupler maintains optimal signal integrity while achieving low insertion loss that exceeds industry standards.

The LC Fiber Coupler supports Single Mode and Multimode LC/LC fiber cables. It is compatible with OS1/OS2 (9/125m) and OM1/OM2/OM3/OM4/OM5 (62.5/125m and 50/125m) fiber core/cladding. The coupler fits securely into the keystone jack which can be installed in a keystone patch panel or wall plate without requiring additional tools.

The LC/LC Keystone Coupler features a durable ABS housing and ceramic-lined inner sleeves for precise fiber alignment, minimizing signal loss for long-lasting reliability and performance.

Certifications, Reports and Compatibility

Applications

• Connect two LC to LC fiber cables to extend a fiber connection

• Add fiber connectivity to a keystone patch panel or wall plate

Features

• LC KEYSTONE COUPLER: LC to LC Coupler features a compact design with removable Keystone Jack; Join two LC fiber cables or extend fiber connectivity in a network setup; Ideal for keystone patch panels and wall plate installations

• ROBUST CONSTRUCTION: ABS outer housing enhances durability and wear protection; Ceramic-lined inner sleeves enables precise alignment of fiber ends; Rated for 500 insertion cycles with minimal insertion loss; Includes protective dust covers

• RELIABLE DATA TRANSMISSION: LC coupler supports 1/10/40/100Gbps for reliable transfer rates between devices; Insertion Loss below 0.2dB exceeds TIA 568 B.3 industry standards; Supports both LED and VCSEL sources

• COMPATIBILITY: Versatile compatibility with Single Mode and Multimode fiber; Compatible with OS1/OS2, and OM1/OM2/OM3/OM4/OM5 cables; Supports 9/125m, 62.5/125m, and 50/125m fiber cores; NOTE: Best paired with LC/LC fiber cables with UPC polished ends

• QUICK INSTALLATION: Simple plug-and-play design requires no tools for quick and hassle-free setup; LC fiber coupler snaps securely into keystone jack with metal tabs; Deploy the coupler to an existing keystone wall plate or patch panel

Hardware		
	Warranty	Lifetime
	Active or Passive Adapter	Passive
	Ports	2
Performance		
	Type	Single Mode / Multi Mode
Connector(s)		
	Connector A	1 - Fiber Optic LC Duplex
	Connector B	1 - Fiber Optic LC Duplex
Environmental		
	Operating Temperature	-20 to 60 (-4&degF to 140&degF)
	Storage Temperature	-20 to 60 (-4&degF to 140&degF)
	Humidity	0%~90%
Physical Characteristics		
	Color	White
	Connector Style	Straight

	Product Length	0.7 in [1.8 cm]
	Product Width	0.7 in [1.9 cm]
	Product Height	0.9 in [2.2 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	0.8 in [2.0 cm]
	Shipping (Package) Weight	0.2 oz [6.0 g]
What's in the Box		
	Included in Package	1 - Duplex Multimode LC to LC Fiber Keystone Jack Coupler

Product appearance and specifications are subject to change without notice.