LC Fiber Optic Adapters

specifications

LC fiber optic adapters with integrated panel retention clips are TIA/EIA-604 FOCIS-10 compatible. Each LC simplex adapter shall connect one LC connector pair in one module space. Each LC duplex adapter shall connect two LC connector pairs in one module space.

technical information

Standards requirements:	TIA/EIA-604 FOCIS-10 compatible; exceeds TIA/EIA-568-B.3 requirements
Split sleeve material:	Zirconia ceramic (required for singlemode applications)
Insertion loss:	.1dB average (multimode and singlemode); supports the performance of FOCIS-10 compliant connectors/patch cords
Return loss:	Supports singlemode (>40dB for SPC and >55dB for UPC) and multimode (>20dB) connector polish performance

key features and benefits

Integrated panel retention clips	No metal clips to become bent, damaged or lost; simplex adapter clips automatically adjust for FOCIS-10 compliant panel thickness variations for improved mounting
Superior weld strength	Provides a more durable product under stress for improved reliability and increased life
Short flange design	Improved modularity and higher density usage
Adapters available in Mini-Com® Modules	System flexibility; modules are interchangeable within Mini-Com Outlets, Boxes, and Patch Panels
Modules available in multiple colors	Allows color-coding for network segregation

applications

LC Fiber Optic Adapters can be used with Mini-Com Modules, Patch Panels, and Surface Mount boxes for a complete fiber solution. LC adapters provide a rugged solution for LAN, SAN, public networks, and fiber-to-the desk applications. The high density 1.25mm ferrules double the port density compared to SC adapters. The HDCRT Connector Removal Tool can be used to simplify removal of connectors in high-density applications. Panduit also offers a full line of enclosures, cassettes, and panels that are pre-assembled with LC adapters.

LC Fiber Optic Adapters	
Duplex MM:	FADSLCZEI-L
	FADSLCZAQ-L
Duplex SM:	FADSLCZBU-L
	FADSLCZAG-L

L = Bag of 50 adapters; 100 per carton

Mini-Com® LC Adapter Modules	
Duplex MM:	CMDSAQLCZBL
Duplex SM:	CMDSLCZBU*
Duplex SM APC:	CMDSAGLCZBL

HD Connector Removal Tool	
For LC and SC:	HDCRT

*also offered in EI, BL, IW.

BU = Blue
EI = Electric Ivory
BL = Black
IW = International White
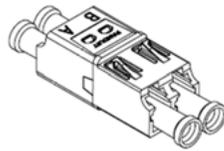
LC Fiber Optic Adapters

design information

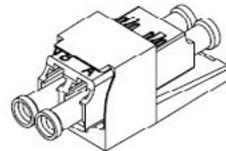| LC Adapter Type	Description	Application Type
Sr./Sr. (Senior/Senior)	Has a FOCIS-10 senior adapter interface (without keyway) at each end. Both ends accept FOCIS-10 compatible senior LC connectors (non-keyed; spring loaded ferrules).	Typically used for patch panel and outlet applications, including behind the wall applications.

selection information

Sr./Sr. Part Number	Adapter Type	Split Sleeve Material	Adapter Color	Module Color	Average Insertion Loss	Return Loss
LC Adapters						
FADSLCZAQ-L	Multimode Duplex		Aqua	–		>20dB
FADSLCZAG-L	Duplex Singlemode APC	Zirconia Ceramic	APC Green	–	.1dB	>40dB
FADSLCZBU-L	Singlemode Duplex		Blue	–		
LC Adapter Modules						
CMDSAQLCZBL	Multimode Duplex		Aqua	Black		>20dB
CMDSLCZBU	Singlemode Duplex	Zirconia Ceramic	Blue	Blue**	.1dB	>40dB
CMDSAGLCZBL	Duplex Singlemode APC		APC Green	Black		

**Blue LC Adapters are also available with Black (BL), Electric Ivory (EI), and International White (IW) Modules
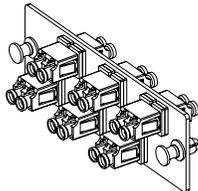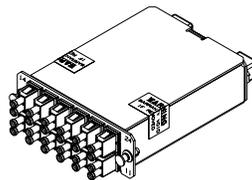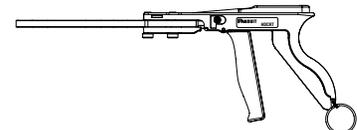
LC Duplex Adapter

Mini-Com® LC Adapter Module

Opticom® LC Duplex Fiber Adapter Panel

Opticom® QuickNet™ Cassettes

HDCRT Connector Removal Tool

Dimensions are in inches. [Dimensions in **brackets** are metric].

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information
Visit us at www.panduit.com
Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300

PANDUIT®