

LC Fiber Optic Connectors – Field Polish Termination

- TIA/EIA-604 FOCIS-10 compatible connectors
- Exceed TIA/EIA-568-B.3 requirements
- Connector housing and boot colors follow TIA/EIA-568-C.3 suggested color identification scheme
- Insertion loss: 0.10dB average (multimode and singlemode)
- Return loss: >20dB (multimode), >40dB (singlemode)
- Non-optical disconnect maintains data transmission under tensile loads for jacketed cable
- Each simplex connector includes connector body/ferrule assembly, crimp sleeve, one boot for 900µm buffered fiber and one boot for 1.6mm – 2.0mm jacketed cable and one dust cap; 3.0mm jacketed cable connectors are also available separately
- Each duplex connector includes two connector body/ferrule assemblies, two crimp sleeves, two boots for 1.6mm – 2.0mm or 3.0mm jacketed cable or two boots for 900µm buffered fiber, two dust caps and one duplex clip
- LC duplex clip available separately for duplexing two simplex Panduit LC Connectors
- Fiber cable type: tight-buffered recommended
- Fiber cable size: accept 1.6mm – 2.0mm or 3.0mm jacketed cable, or 900µm buffered fiber (noted in part description)
- For 250µm coated fiber termination, use 250 micron fiber build-up tube kit or fan-out kits on pages C.27 – C.28
- Ferrule type: 1.25mm zirconia ceramic (highest durability for repeated matings)
- Field polish termination – Panduit recommends anaerobic adhesive on pages C.103, C.104
- Use field polish termination kit (FIELDKIT) on pages C.103, C.104

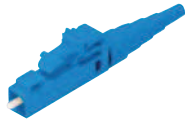

FLCSMBLY

FLCDBLY

FLCDM3.0EI

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
LC OM4/OM3/OM2 Multimode Fiber Optic Connectors				
FLCSMBLY	LC multimode simplex fiber optic connector for 1.6mm – 2.0mm jacketed cable or 900µm buffered fiber installation.	Black	1	10
FLCSM3.0BL	LC multimode simplex fiber optic connector for 3.0mm jacketed cable installation.	Black	1	10
FLCDBLY	LC multimode duplex fiber optic connector for 1.6mm – 2.0mm jacketed cable installation.	Black	1	10
FLCDM900BLY	LC multimode duplex fiber optic connector for 900µm buffered fiber installation.	Black	1	10
FLCDM3.0BL	LC multimode duplex fiber optic connector for 3.0mm jacketed cable installation.	Black	1	10
LC OM1 Multimode Fiber Optic Connectors				
FLCSMEIY	LC multimode simplex fiber optic connector for 1.6mm – 2.0mm jacketed cable or 900µm buffered fiber installation.	Electric Ivory	1	10
FLCSM3.0EI	LC multimode simplex fiber optic connector for 3.0mm jacketed cable installation.	Electric Ivory	1	10
FLCDMEIY	LC multimode duplex fiber optic connector for 1.6mm – 2.0mm jacketed cable installation.	Electric Ivory	1	10
FLCDM900EIY	LC multimode duplex fiber optic connector for 900µm buffered fiber installation.	Electric Ivory	1	10
FLCDM3.0EI	LC multimode duplex fiber optic connector for 3.0mm jacketed cable installation.	Electric Ivory	1	10

LC Fiber Optic Connectors – Field Polish Termination (continued)



FLCSSBUY



FLCDSBUY



FLCDS3.0BU



FLCCLIP-L

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
LC OS1/OS2 Singlemode Fiber Optic Connectors				
FLCSSBUY	LC singlemode simplex fiber optic connector for 1.6mm – 2.0mm jacketed cable or 900µm buffered fiber installation.	Blue	1	10
FLCSS3.0BU	LC singlemode simplex fiber optic connector for 3.0mm jacketed cable installation.	Blue	1	10
FLCDSBUY	LC singlemode duplex fiber optic connector for 1.6mm – 2.0mm jacketed cable installation.	Blue	1	10
FLCDS900BUY	LC singlemode duplex fiber optic connector for 900µm buffered fiber installation.	Blue	1	10
FLCDS3.0BU	LC singlemode duplex fiber optic connector for 3.0mm jacketed cable installation.	Blue	1	10
LC 10Gig™ OM3/OM4 Field Polish Boots				
FLCBT900AQ-X	LC 10Gig™ OM3/OM4 Field Polish Boot for 900µm buffered fiber.	Aqua	10	100
FLCBT2AQ-X	LC 10Gig™ OM3/OM4 Field Polish Boot for 1.6/2.0mm jacketed cable.	Aqua	10	100
FLCBT3AQ-X	LC 10Gig™ OM3/OM4 Field Polish Boot for 3.0mm jacketed cable.	Aqua	10	100
LC Duplex Clip				
FLCCLIP-L	LC duplex clip for duplexing two simplex Panduit LC field polish multimode or singlemode connectors.	White	50	—

- A. System Overview
- B. Copper Systems
- C. Fiber Optic Systems
- D. Power over Ethernet
- E. Zone Cabling
- F. Wireless
- G. Outlets
- H. Media Distribution
- I. Physical Infrastructure Management
- J. Overhead & Underfloor Routing
- K. Surface Raceway
- L. Cabinets, Racks & Cable Management
- M. Grounding & Bonding
- N. Industrial
- O. Labeling & Identification
- P. Cable Management Accessories
- Q. Index