

## 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 of SA-NCCB51.

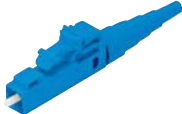
**FLCSMCXAQY****FLCDMCXAQY****FLCSMBLY****FLCDMBLY**

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>LC 10Gig™ OM3/OM4 Fiber Optic Connectors</b>				
<b>FLCSMCXAQY</b>	LC OptiCam® 10Gig™ 50/125µm OM3/OM4 multimode simplex fiber optic connector for 900µm tight-buffered fiber installation.	Aqua	1	10
<b>FLCDMCXAQY</b>	LC OptiCam® 10Gig™ 50/125µm OM3/OM4 multimode duplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Aqua	1	10
<b>LC OM2 Multimode Fiber Optic Connectors</b>				
<b>FLCSMBLY</b>	LC multimode simplex fiber optic connector for 1.6mm – 2.0mm jacketed cable or 900µm buffered fiber installation.	Black	1	10
<b>FLCSM3.0BL</b>	LC multimode simplex fiber optic connector for 3.0mm jacketed cable installation.	Black	1	10
<b>FLCDMBLY</b>	LC multimode duplex fiber optic connector for 1.6mm – 2.0mm jacketed cable installation.	Black	1	10
<b>FLCDM900BLY</b>	LC multimode duplex fiber optic connector for 900µm buffered fiber installation.	Black	1	10
<b>FLCDM3.0BL</b>	LC multimode duplex fiber optic connector for 3.0mm jacketed cable installation.	Black	1	10

### LC Fiber Optic Connectors – Field Polish Termination (continued)



FLCDM3.0EI



FLCSSBUY



FLCDSBUY



FLCDS3.0BU



FLCCLIP-L

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>LC OM1 Multimode Fiber Optic Connectors</b>				
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
<b>LC OS1/OS2 Singlemode Fiber Optic Connectors</b>				
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
<b>LC 10Gig™ OM3 Field Polish Boots</b>				
FLCBT900AQ-X	LC 10Gig™ OM3 Field Polish Boot for 900µm buffered fiber.	Aqua	10	100
FLCBT2AQ-X	LC 10Gig™ OM3 Field Polish Boot for 1.6/2.0mm jacketed cable.	Aqua	10	100
FLCBT3AQ-X	LC 10Gig™ OM3 Field Polish Boot for 3.0mm jacketed cable.	Aqua	10	100
<b>LC Duplex Clip</b>				
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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Panduit:

[FLCDMCXAQY](#)