

## 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

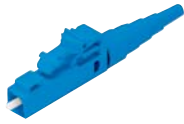

**FLCSMBLY**

**FLCDBLY**

**FLCDM3.0EI**

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>LC OM4/OM3/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>FLCDBLY</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
<b>LC OM1 Multimode Fiber Optic Connectors</b>				
<b>FLCSMEIY</b>	LC multimode simplex fiber optic connector for 1.6mm – 2.0mm jacketed cable or 900µm buffered fiber installation.	Electric Ivory	1	10
<b>FLCSM3.0EI</b>	LC multimode simplex fiber optic connector for 3.0mm jacketed cable installation.	Electric Ivory	1	10
<b>FLCDMEIY</b>	LC multimode duplex fiber optic connector for 1.6mm – 2.0mm jacketed cable installation.	Electric Ivory	1	10
<b>FLCDM900EIY</b>	LC multimode duplex fiber optic connector for 900µm buffered fiber installation.	Electric Ivory	1	10
<b>FLCDM3.0EI</b>	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.
<b>LC OS1/OS2 Singlemode Fiber Optic Connectors</b>				
<b>FLCSSBUY</b>	LC singlemode simplex fiber optic connector for 1.6mm – 2.0mm jacketed cable or 900µm buffered fiber installation.	Blue	1	10
<b>FLCSS3.0BU</b>	LC singlemode simplex fiber optic connector for 3.0mm jacketed cable installation.	Blue	1	10
<b>FLCDSBUY</b>	LC singlemode duplex fiber optic connector for 1.6mm – 2.0mm jacketed cable installation.	Blue	1	10
<b>FLCDS900BUY</b>	LC singlemode duplex fiber optic connector for 900µm buffered fiber installation.	Blue	1	10
<b>FLCDS3.0BU</b>	LC singlemode duplex fiber optic connector for 3.0mm jacketed cable installation.	Blue	1	10
<b>LC 10Gig™ OM3/OM4 Field Polish Boots</b>				
<b>FLCBT900AQ-X</b>	LC 10Gig™ OM3/OM4 Field Polish Boot for 900µm buffered fiber.	Aqua	10	100
<b>FLCBT2AQ-X</b>	LC 10Gig™ OM3/OM4 Field Polish Boot for 1.6/2.0mm jacketed cable.	Aqua	10	100
<b>FLCBT3AQ-X</b>	LC 10Gig™ OM3/OM4 Field Polish Boot for 3.0mm jacketed cable.	Aqua	10	100
<b>LC Duplex Clip</b>				
<b>FLCCLIP-L</b>	LC duplex clip for duplexing two simplex Panduit LC field polish multimode or singlemode connectors.	White	50	—

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