

## 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

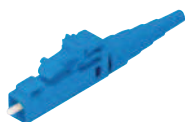

**FLCSMBLY**

**FLCDBMBLY**

**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>FLCDBMBLY</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             | —              |