



### Keyed LC OptiCam® Fiber Optic Connectors – Pre-Polished Cam Termination

- Exceed TIA/EIA-568-B.3 requirements
- Insertion loss: 0.3dB average (multimode and singlemode)
- Return loss: >26dB (10Gig™ multimode), >20dB (multimode), >50dB (singlemode)
- Include color-specific keys with positive and negative keying features to visually and mechanically distinguish connections to prevent unauthorized mating with unlike keyed or non-keyed adapters
- Part of a complete Keyed LC System that includes Opti-Core® Patch Cords and Pigtails, OptiCam® Pre-Polished Cam Connectors, Opticom® Fiber Adapter Panels (FAPs), and Mini-Com® Adapter Modules
- Translucent housing assembly is laser marked to identify fiber stub fiber type (9µm, 62.5, 50 or 50X)
- Spring-loaded “Senior” rear pivot latch LC connector
- Quick installation; provide field termination in less than half the time of field polish connectors
- Patented re-termination capability provides yield rates approaching 100%
- Factory pre-polished fiber endface eliminates time-consuming field polishing to reduce installation costs, labor, scrap, and the number of tools required
- Cam activated fiber and buffer clamp mechanisms provide superior fiber and buffer retention – less sensitivity to fiber tensile loading
- OptiCam® Termination Tool simplifies tooling and termination, and virtually eliminates operator error by providing visual indication of proper termination after the cam step has been completed
- Cable retention boot assemblies consistently provide higher than industry standard cable retention
- Non-optical disconnect maintains data transmission under tensile loads for jacketed cable
- Fiber cable size: accept 900µm tight-buffered fiber with included boot(s); accept 1.6mm – 2.0mm and 3.0mm jacketed cable with available OptiCam® Cable Retention Boot Assemblies (ten per package)
- 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)
- Use OptiCam® Termination Kit (FCAMKIT) on page C.101



**FLCSMC5ABL**



**FLCSMC5BRD**



**FLCSMC5CGR**



**FLCSMC5DYL**



**FLCSMC5EOR**



**FLCSMC5FDB**

Part Number	Part Description	Key Type and Color	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>Keyed LC OptiCam® 10Gig™ OM3/OM4 50/125µm Multimode Simplex Fiber Optic Connectors*</b>				
<b>FLCSMCXABL</b>	LC (keyed A – black) OptiCam® 10Gig™ 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed A – Black	1	10
<b>FLCSMCXBRD</b>	LC (keyed B – red) OptiCam® 10Gig™ 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed B – Red	1	10
<b>FLCSMCXCGR</b>	LC (keyed C – green) OptiCam® 10Gig™ 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed C – Green	1	10
<b>FLCSMCXDYL</b>	LC (keyed D – yellow) OptiCam® 10Gig™ 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed D – Yellow	1	10
<b>FLCSMCXEOR</b>	LC (keyed E – orange) OptiCam® 10Gig™ 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed E – Orange	1	10
<b>FLCSMCXFDB</b>	LC (keyed F – dark blue) OptiCam® 10Gig™ 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed F – Dark Blue	1	10

<b>Keyed LC OptiCam® OM2 50/125µm Multimode Simplex Fiber Optic Connectors*</b>				
<b>FLCSMC5ABL</b>	LC (keyed A – black) OptiCam® 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed A – Black	1	10
<b>FLCSMC5BRD</b>	LC (keyed B – red) OptiCam® 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed B – Red	1	10
<b>FLCSMC5CGR</b>	LC (keyed C – green) OptiCam® 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed C – Green	1	10
<b>FLCSMC5DYL</b>	LC (keyed D – yellow) OptiCam® 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed D – Yellow	1	10
<b>FLCSMC5EOR</b>	LC (keyed E – orange) OptiCam® 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed E – Orange	1	10
<b>FLCSMC5FDB</b>	LC (keyed F – dark blue) OptiCam® 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed F – Dark Blue	1	10

\*To order duplex connectors, replace the first S in the part number (FLCSMCXABL) with a D (FLCSMCXABL). The Keyed LC Fiber Optic System is now offering 18 colors to ensure network physical layer security with color-specific keyed connectivity. For complete keyed solutions, please reference [www.panduit.com](http://www.panduit.com).

### Keyed LC OptiCam® Fiber Optic Connectors – Pre-Polished Cam Termination (continued)



FMCBT3BL-X



FLCCLIPBL-L

Part Number	Part Description	Key Type and Color	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>Keyed LC OptiCam® OM1 62.5/125µm Multimode Simplex Fiber Optic Connectors*</b>				
FLCSCM6ABL	LC (keyed A – black) OptiCam® 62.5/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed A – Black	1	10
FLCSCM6BRD	LC (keyed B – red) OptiCam® 62.5/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed B – Red	1	10
FLCSCM6CGR	LC (keyed C – green) OptiCam® 62.5/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed C – Green	1	10
FLCSCM6DYL	LC (keyed D – yellow) OptiCam® 62.5/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed D – Yellow	1	10
FLCSCM6EOR	LC (keyed E – orange) OptiCam® 62.5/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed E – Orange	1	10
FLCSCM6FDB	LC (keyed F – dark blue) OptiCam® 62.5/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed F – Dark Blue	1	10
<b>Keyed LC OptiCam® OS1/OS2 Singlemode Simplex Fiber Optic Connectors*</b>				
FLCSSCABL	LC (keyed A – black) OptiCam® Singlemode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed A – Black	1	10
FLCSSCBRD	LC (keyed B – red) OptiCam® Singlemode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed B – Red	1	10
FLCSSCCGR	LC (keyed C – green) OptiCam® Singlemode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed C – Green	1	10
FLCSSCDYL	LC (keyed D – yellow) OptiCam® Singlemode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed D – Yellow	1	10
FLCSSCEOR	LC (keyed E – orange) OptiCam® Singlemode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed E – Orange	1	10
FLCSSCFDB	LC (keyed F – dark blue) OptiCam® Singlemode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed F – Dark Blue	1	10
<b>OptiCam® 1.6/2.0mm Cable Retention Boot Assemblies</b>				
FMCBT2BL-X	OptiCam® 1.6/2.0mm Cable Retention Boot.	Black	10	100
<b>OptiCam® 3.0mm Cable Retention Boot Assemblies</b>				
FMCBT3BL-X	OptiCam® 3.0mm Cable Retention Boot.	Black	10	100
<b>LC OptiCam® Duplex Clip</b>				
FLCCLIPBL-L	LC OptiCam® Duplex Clip for duplexing two simplex LC OptiCam® Multimode or Singlemode Connectors.	Black	50	—

\*To order duplex connectors, replace the first S in the part number (FLCSSCABL) with a D (FLCDSCABL).

The Keyed LC Fiber Optic System is now offering 18 colors to ensure network physical layer security with color-specific keyed connectivity. For complete keyed solutions, please reference [www.panduit.com](http://www.panduit.com).