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PANDUIT®

PHYSICAL INFRASTRUCTURE SYSTEMS

NEW! **PATENTED**

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.
Keyed LC OptiCam® 10Gig™ OM3/OM4 50/125µm Multimode Simplex Fiber Optic Connectors*				
FLCSMCXABL	LC (keyed A – black) OptiCam® 10Gig™ 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed A – Black	1	10
FLCSMCXBRD	LC (keyed B – red) OptiCam® 10Gig™ 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed B – Red	1	10
FLCSMCXCGR	LC (keyed C – green) OptiCam® 10Gig™ 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed C – Green	1	10
FLCSMCXDYL	LC (keyed D – yellow) OptiCam® 10Gig™ 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed D – Yellow	1	10
FLCSMCXEOR	LC (keyed E – orange) OptiCam® 10Gig™ 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed E – Orange	1	10
FLCSMCXFDB	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
Keyed LC OptiCam® OM2 50/125µm Multimode Simplex Fiber Optic Connectors*				
FLCSMC5ABL	LC (keyed A – black) OptiCam® 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed A – Black	1	10
FLCSMC5BRD	LC (keyed B – red) OptiCam® 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed B – Red	1	10
FLCSMC5CGR	LC (keyed C – green) OptiCam® 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed C – Green	1	10
FLCSMC5DYL	LC (keyed D – yellow) OptiCam® 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed D – Yellow	1	10
FLCSMC5EOR	LC (keyed E – orange) OptiCam® 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed E – Orange	1	10
FLCSMC5FDB	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 (FLC**S**SCABL) with a D (FLC**D**SCABL).
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.

Order number of pieces required, in multiples of Standard Package Quantity.   Prime items appear in **BOLD**.

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.
Keyed LC OptiCam® OM1 62.5/125µm Multimode Simplex Fiber Optic Connectors*				
FLCSMC6ABL	LC (keyed A – black) OptiCam® 62.5/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed A – Black	1	10
FLCSMC6BRD	LC (keyed B – red) OptiCam® 62.5/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed B – Red	1	10
FLCSMC6CGR	LC (keyed C – green) OptiCam® 62.5/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed C – Green	1	10
FLCSMC6DYL	LC (keyed D – yellow) OptiCam® 62.5/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed D – Yellow	1	10
FLCSMC6EOR	LC (keyed E – orange) OptiCam® 62.5/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Keyed E – Orange	1	10
FLCSMC6FDB	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
Keyed LC OptiCam® OS1/OS2 Singlemode Simplex Fiber Optic Connectors*				
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
OptiCam® 1.6/2.0mm Cable Retention Boot Assemblies				
FMCBT2BL-X	OptiCam® 1.6/2.0mm Cable Retention Boot.	Black	10	100
OptiCam® 3.0mm Cable Retention Boot Assemblies				
FMCBT3BL-X	OptiCam® 3.0mm Cable Retention Boot.	Black	10	100
LC OptiCam® Duplex Clip				
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 (FLC**S**SCABL) with a D (FLC**D**SCABL).

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.