

PATENTED SC OptiCam® Fiber Optic Connectors – Pre-Polished Cam Termination

- TIA/EIA-604 FOCIS-3 compliant connectors
- Exceed TIA/EIA-568-B.3 requirements
- Connector backbone and boot colors follow TIA/EIA-568-C.3 suggested color identification scheme
- Insertion loss: 0.3dB average (multimode and singlemode)
- Return loss: >26dB (10Gig™ multimode), >20dB (multimode), >50dB (singlemode)
- 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)– 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: 2.5mm zirconia ceramic (highest durability for repeated matings) or composite to meet a variety of application requirements
- Use OptiCam® Termination Kit (FCAMKIT) on page C.101



FSCDMCXAQ



FSCDMC5BL



FSCSCBU



FMCBT3BL-X



FSCCLIP-L

Part Number	Part Description	Color	Std. Pkg. Qty.*	Std. Ctn. Qty.
SC OptiCam® 10Gig™ OM3/OM4 50/125µm Multimode Fiber Optic Connectors				
FSCMCXAQ	SC OptiCam® 10Gig™ 50/125µm OM3/OM4 Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Aqua	1	10
FSCDMCXAQ	SC OptiCam® 10Gig™ 50/125µm OM3/OM4 Multimode Duplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Aqua	1	10
SC OptiCam® OM2 50/125µm Multimode Fiber Optic Connectors				
FSCMC5BL	SC OptiCam® 50/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Black	1	10
FSCDMC5BL	SC OptiCam® 50/125µm Multimode Duplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Black	1	10
SC OptiCam® OM1 62.5/125µm Multimode Fiber Optic Connectors				
FSCMC6EI	SC OptiCam® 62.5/125µm Multimode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Electric Ivory	1	10
FSCDMC6EI	SC OptiCam® 62.5/125µm Multimode Duplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Electric Ivory	1	10
SC OptiCam® OS1/OS2 Singlemode Fiber Optic Connectors				
FSCSCBU	SC OptiCam® Singlemode Simplex Fiber Optic Connector for 900µm tight-buffered fiber installation.	Blue	1	10
OptiCam® 1.6/2.0mm Cable Retention Boot Assemblies				
FMCBT2AQ-X	OptiCam® 10Gig™ OM3/OM4 1.6/2.0mm Cable Retention Boot.	Aqua	10	100
FMCBT2BL-X	OptiCam® OM2 Multimode 1.6/2.0mm Cable Retention Boot.	Black	10	100
FMCBT2EI-X	OptiCam® OM1 Multimode 1.6/2.0mm Cable Retention Boot.	Electric Ivory	10	100
FSCBT2BU-X	OptiCam® OS1/OS2 Singlemode 1.6/2.0mm Cable Retention Boot.	Blue	10	100
OptiCam® 3.0mm Cable Retention Boot Assemblies				
FMCBT3AQ-X	OptiCam® 10Gig™ OM3/OM4 3.0mm Cable Retention Boot.	Aqua	10	100
FMCBT3BL-X	OptiCam® OM2 Multimode 3.0mm Cable Retention Boot.	Black	10	100
FMCBT3EI-X	OptiCam® OM1 Multimode 3.0mm Cable Retention Boot.	Electric Ivory	10	100
FSCBT3BU-X	OptiCam® OS1/OS2 Singlemode 3.0mm Cable Retention Boot.	Blue	10	100
SC Duplex Clip				
FSCCLIP-L	SC duplex clip for duplexing two simplex Panduit SC multimode or singlemode connectors.	Black	50	—

*Simplex connectors are available in 100 count bulk packages by adding -C to the part number.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fiber Optic Connectors](#) category:

Click to view products by [Panduit](#) manufacturer:

Other Similar products are found below :

[0004700001](#) [6100-R](#) [6313](#) [F709034706](#) [F709722200](#) [F709730000](#) [F718183204](#) [F727403500](#) [F727752800](#) [FCXO-12-3BY](#) [FO-SCREW\(M2X6\)](#) [9440F20-27S-190](#) [944-120-6001](#) [944-125-6003](#) [9441F10SL-3P](#) [953-101-5310-P](#) [954-101-57202B](#) [A0270169](#) [12-9122](#) [12-5702](#) [143025NC](#) [DSAKB](#) [AX101713](#) [AX102420](#) [AX103923](#) [AX104193](#) [AX104230](#) [AX104562](#) [AX104683](#) [AX105203-B25](#) [AX105205-S1](#) [EHSC2M](#) [17-300800](#) [180-044NF06-11-2S](#) [180-044NF06-17-8P](#) [180-044NF07-11-2S](#) [181-011-126](#) [181-011-S](#) [181-057-126](#) [BT34IW](#) [HRFCP-HSCJ-1\(61\)](#) [HRFC-R2\(40\)](#) [NKSOPBUY](#) [20500002116](#) [2064996-1](#) [20800001065](#) [2170](#) [9132](#) [2612](#) [2620](#)