



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SC Fiber Optic Connectors – Field Polish Termination

- TIA/EIA-604 FOCIS-3 compliant connectors
- Exceed TIA/EIA-568-B.3 requirements
- Connector outer housing and boot colors follow TIA/EIA-568-C.3 suggested color identification scheme
- Insertion loss: 0.10dB average (multimode), 0.15dB average (singlemode)
- Return loss: >20dB (multimode), >40dB (singlemode)
- Non-optical disconnect maintains data transmission under tensile loads for jacketed cable
- Free floating housing ensures complete latching even when inserted by the boot, beneficial in high density spacing applications
- Pre-assembled inner housing simplifies assembly
- Each simplex connector includes inner housing assembly, outer housing, crimp sleeve, one boot for 900µm buffered fiber, one boot for 3mm jacketed cable, and one dust cap
- Each duplex connector includes two inner housing assemblies, two outer housings, two crimp sleeves, two boots for 3mm jacketed cable, two dust caps, and one duplex clip
- SC duplex clip available separately for duplexing two simplex Panduit SC Connectors
- Fiber cable type: tight-buffered recommended
- Fiber cable size: accept 900µm buffered fiber, 3mm jacketed cable or 1.6mm – 2.0mm jacketed cable (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: 2.5mm 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 of SA-NCCB51.



FSCM5BL



FSCMBL



FSCMRD



FSCDM



FSCSBU



FSCBT2BU-X



Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
SC OM3/OM2 Multimode Fiber Optic Connectors				
FSCM5BL	SC multimode simplex fiber optic connector for 3.0mm jacketed cable or 900µm buffered fiber installation.	Black	1	10
FSCM2.05BL	SC multimode simplex fiber optic connector for 1.6mm – 2.0mm jacketed cable or 900µm buffered fiber installation.	Black	1	10
FSCDM5BL	SC multimode duplex fiber optic connector for 3.0mm jacketed cable installation.	Black	1	10
SC OM1 Multimode Fiber Optic Connectors				
FSCMBL	SC multimode simplex fiber optic connector for 3.0mm jacketed cable or 900µm buffered fiber installation.	Black	1	10
FSCMRD	SC multimode simplex fiber optic connector for 3.0mm jacketed cable or 900µm buffered fiber installation.	Red	1	10
FSCM2.0BL	SC multimode simplex fiber optic connector for 1.6mm – 2.0mm jacketed cable or 900µm buffered fiber installation.	Black	1	10
FSCM2.0RD	SC multimode simplex fiber optic connector for 1.6mm – 2.0mm jacketed cable or 900µm buffered fiber installation.	Red	1	10
FSCDM	SC multimode duplex fiber optic connector for 3.0mm jacketed cable installation.	Red & Black	1	10
SC OS1/OS2 Singlemode Fiber Optic Connectors				
FSCSBU	SC singlemode simplex fiber optic connector for 3.0mm jacketed cable or 900µm buffered fiber installation.	Blue	1	10
FSCS2.0BU	SC singlemode simplex fiber optic connector for 1.6mm – 2.0mm jacketed cable or 900µm buffered fiber installation.	Blue	1	10
SC 900µm Field Polish Boots				
FSCBT900AQ-X	SC 10Gig™ OM3 Field Polish Boot for 900µm buffered fiber.	Aqua	10	100
FSCBT900EI-X	SC OM1 multimode field polish boot for 900µm buffered fiber.	Electric Ivory	10	100
SC 1.6/2.0mm Field Polish Boots				
FSCBT2BU-X	OptiCam® OS1/OS2 Singlemode 1.6/2.0mm Cable Retention Boot.	Blue	10	100
SC 3.0mm Field Polish Boots				
FSCBT3AQ-X	SC 10Gig™ OM3 Field Polish Boot for 3.0mm jacketed cable.	Aqua	10	100
FSCBT3EI-X	SC OM1 multimode field polish boot for 3.0mm jacketed cable.	Electric Ivory	10	100
SC Duplex Clip				
FSCCLIP-L	SC duplex clip for duplexing two simplex Panduit SC multimode or singlemode connectors.	Black	50	—