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# Design a Solution

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## FSCM2.05BL



- TIA/EIA-604 FOCIS-3 compliant connectors
- Exceed TIA/EIA-568-B.3 requirements
- 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
- Ferrule type: 2.5mm zirconia ceramic (highest durability for repeated matings)
- Field polish termination -- Panduit recommends anaerobic adhesive
- Use field polish termination kit (FJKITG)

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Part Number	FSCM2.05BL
<ul> <li>RoHS Compliancy Status</li> </ul>	RoHS directive is not applicable
■ Note	Intended for use in fixed installations which are outside the scope of RoHS
Part Description	SC multimode simplex fiber optic connector for $1.6 \text{mm} - 2.0 \text{mm}$ jacketed cable or $900 \mu \text{m}$ buffered fiber installation.
Color	Black
Fiber Compatibility	62.5/125µ m / 50/125µ m
Fiber Cable Size	1.6mm - 2.0mm or 900µ m
Fiber Type	Buffered
Pricing Description	SC multimode simplex fiber optic connector for 1.6mm - 2.0mm jacketed cable or 900µm buffered fiber installation
Min. Order UOM	PC
Min. Order Qty.	1
BOM Qty. (# of Pkgs.)	0
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