

FIS 3mm CHEETAH SPLICE-ON CONNECTOR™



F1-ST50SOC30

All ferrules are made of zirconia. UV Cure splice sleeve and connector boot are included with each SOC.

FEATURES

- Return loss: APC >60dB, UPC >55dB and MM 35dB (typical)
- LC, SC, ST styles available: SM, MM, 10Gig
- Unique UV Cure Splice Protection Sleeve
- 3mm boot protects splice for easy cable management
- Includes color coded 900um buffer, 3mm boot, cleave protector and extended dust cap for easy fiber identification

Using a factory terminated and pre-polished connector the 3.0mm Cheetah Splice-On Connector™ (SOC) provides a connection meeting or exceeding industry standards for loss and back reflection. The Splice-On Connector is provided with a factory cleaved 900um fiber stub to ensure easy of use and optimal performance. The unique 3mm boot allows the entire splice to be concealed and protected, allowing for a simpler cable management system within the rack or enclosure. The 3.0mm SOC is designed to work with the Fitel family of fusion splicers and the Fitel S325A Cleave (cordage fiber holder required). The unique UV Cure Protection Sleeve can be cured in 30 seconds using the UV Cure Station.

SPECIFICATIONS

Connector Type	SM/APC	SM/UPC	MM/62.5um	MM/50um	MM/OM3	MM/OM4
Insertion Loss (max)	0.3dB		0.4dB			
Optical Return Loss	>65dB	>55dB	35dB (typical)			
Ferrule Type	All Zirconia Pre-Polished Ferrules					
Color Code	Green	White	Beige	Black	Aqua	Magenta
Operating Temperature	-40 to +85 degrees C					
Industry Standards	RoHS Compliant, Telcordia GR-326-CORE Compliant					

ORDERING INFORMATION

F1-LCAPC-SOC-30-X	LC/APC Singlemode, Green 3.0mm Boot
F1-LCUPC-SOC-30-X	LC/UPC Singlemode, White 3.0mm Boot
F1-LC62-SOC-30-X	LC/PC 62.5µm Multimode (OM1), Beige 3.0mm Boot
F1-LC50-SOC-30-X	LC/PC 50µm Multimode (OM2), Black 3.0mm Boot
F1-LCOM3-SOC-30-X	LC/PC 50µm Multimode (OM3), Aqua 3.0mm Boot
F1-LCOM4-SOC-30-X	LC/PC 50µm Multimode (OM4), Magenta 3.0mm Boot
F1-LCOM4-SOCAQ-X	LC/PC 50µm Multimode (OM4), Aqua 3.0mm Boot
F1-SCAPC-SOC-30-X	SC/APC Singlemode, Green 3.0mm Boot
F1-SCUPC-SOC-30-X	SC/UPC Singlemode, White 3.0mm Boot
F1-SC62-SOC-30-X	SC/PC 62.5µm Multimode (OM1), Beige 3.0mm Boot
F1-SC50-SOC-30-X	SC/PC 50µm Multimode (OM2), Black 3.0mm Boot
F1-SCOM3-SOC-30-X	SC/PC 50µm Multimode (OM3), Aqua 3.0mm Boot
F1-SCOM4-SOC-30-X	SC/PC 50µm Multimode (OM4), Magenta 3.0mm Boot
F1-STUPC-SOC-30-X	ST/UPC Singlemode, White 3.0mm Boot
F1-ST62-SOC-30-X	ST/PC 62.5µm Multimode (OM1), Beige 3.0mm Boot
F1-ST50-SOC-30-X	ST/PC 50µm Multimode (OM2), Black 3.0mm Boot
F1-STOM3-SOC-30-X	ST/PC 50µm Multimode (OM3), Aqua 3.0mm Boot

***When ordering replace the "X" to specify 12= 12packs, 100= 100packs.**

CHEETAH SOC™ COMPATIBLE CHART

Manufacturer	Splicer Model	SOC Cordage Size Compatibility	Metal Holder Compatibility	Metal Holder Part Number	Universal Holder Compatibility
FIS	F1-CA3	900µm & 3.0mm	All Versions	F1SOCCA3	All Versions
AFL/Fujikura	12S	900µm & 3.0mm	All Versions	F1SOCMTLA	All Versions
	19S				N/A
	60S/70S				
	62S				
	21S/22S				
Furukawa/Fitel	S122 (A/C/M)	900µm & 3.0mm	All Versions	F1SOCMTLF	All Versions
	S121 (A/M)				
	S123 (C/M)				
	S153				
	S178A				
	Ninja			F1SOCMTLF2	
Sumitomo	Type-25e (U/S/M)	900µm only	All Versions	F1SOCMTLS	All Versions
	Quantum (Q101-CA)				N/A
Greenlee	910FS	900µm only	SC & LC Only	GREENSOCHLDR	N/A



Metal Injection-Molded SOC Holder

Dimensions: L x W x H
1.466" x 0.633" x 0.248"
37.2mm x 16.1mm x 6.3mm



ABS Plastic Injection-Molded SOC Holder

Dimensions: L x W x H
1.466" x 0.633" x 0.248"
37.2mm x 16.1mm x 6.3mm



F1-9775T