

# 900µm CHEETAH SPLICE-ON CONNECTOR™



**F1-LCOM3-SOC**

## FEATURES

- Return loss: APC >65dB, UPC >55dB and MM 35dB (typical)
- 20 styles available: SM, MM, 10Gig
- Universal holders work with FIS, AFL, Sumitomo, and Fitel fusion splicers
- 900um boot protects splice for easy cable management
- Includes color coded 900um buffer, boot, cleave protector and extended dust cap for easy fiber identification

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

**Note:** The Cheetah Splice-On Connector requires the use of a fusion splicer with removeable fiber holders.

Using a factory terminated, pre-polished connector the Cheetah Splice-On Connector provides a connection meeting or exceeding industry standards for loss and back reflection. The Cheetah Splice-On Connector is provided with a factory cleaved 900um fiber stub to ensure easy of use and optimal performance. The unique 900um boot allows the entire splice to be concealed and protected, allowing for a simpler cable management system within the rack or enclosure. To terminate, just remove the cleave protector, place the connector into the holder, place the holder in the splicer, preload the field fiber and the Cheetah is ready to be terminated. Product manufactured in the U.S.A.

## SPECIFICATIONS

Connector Type	SM/APC	SM/UPC	MM/62.5um	MM/50um	MM/OM3	MM/OM4
Type of Fiber	SMF® Ultra		InfiniCor® 300	ClearCurve® OM2-4		
Insertion Loss (max)	0.3dB (0.15dB typical)		0.4dB (0.25dB typical)			
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					
Cable Retention	2.5 lbs.					

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## ORDERING INFORMATION

<b>F1-LCAPC-SOC-X</b>	LC/APC Singlemode, Green 900µm Boot	<b>F1-SCOM3-SOC-X</b>	SC/PC 50µm Multimode (OM3), Aqua 900µm Boot
<b>F1-LCUPC-SOC-X</b>	LC/UPC Singlemode, White 900µm Boot	<b>F1-SCOM4-SOC-X</b>	SC/PC 50µm Multimode (OM4), Magenta 900µm Boot
<b>F1-LC62-SOC-X</b>	LC/PC 62.5µm Multimode (OM1), Beige 900µm Boot	<b>F1-STUPC-SOC-X</b>	ST/UPC Singlemode, White 900µm Boot
<b>F1-LC50-SOC-X</b>	LC/PC 50µm Multimode (OM2), Black 900µm Boot	<b>F1-ST62-SOC-X</b>	ST/PC 62.5µm Multimode (OM1), Beige 900µm Boot
<b>F1-LCOM3-SOC-X</b>	LC/PC 50µm Multimode (OM3), Aqua 900µm Boot	<b>F1-ST50-SOC-X</b>	ST/PC 50µm Multimode (OM2), Black 900µm Boot
<b>F1-LCOM4-SOC-X</b>	LC/PC 50µm Multimode (OM4), Magenta 900µm Boot	<b>F1-STOM3-SOC-X</b>	ST/PC 50µm Multimode (OM3), Aqua 900µm Boot
<b>F1-LCOM4-SOCAQ-X</b>	LC/PC 50µm Multimode (OM4), Aqua 900µm Boot	<b>F1-FCAPC-SOC-X</b>	FC/APC Singlemode, Green 900µm Boot
<b>F1-SCAPC-SOC-X</b>	SC/APC Singlemode, Green 900µm Boot	<b>F1-FCUPC-SOC-X</b>	FC/UPC Singlemode, White 900µm Boot
<b>F1-SCUPC-SOC-X</b>	SC/UPC Singlemode, White 900µm Boot	<b>F1-FC62-SOC-X</b>	FC/PC 62.5µm Multimode (OM1), Beige 900µm Boot
<b>F1-SC62-SOC-X</b>	SC/PC 62.5µm Multimode (OM1), Beige 900µm Boot	<b>F1-FC50-SOC-X</b>	FC/PC 50µm Multimode (OM2), Black 900µm Boot
<b>F1-SC50-SOC-X</b>	SC/PC 50µm Multimode (OM2), Black 900µm Boot	<b>F1-FCOM3-SOC-X</b>	FC/PC 50µm Multimode (OM3), Aqua 900µm Boot

**\*When ordering replace the "X" to specify 10 = 10pack, 100 = 100pack.**

## CHEETAH SOC™ COMPATIBLE SPLICER CHART

Manufacturer	Splicer Model	Connector Holder Part Number
Fosco	CA3	F1SOCMTLCA3
	AC4	F1SOCMTLAC4
	AC5	F1SOCMTLAC5
AFL/Fujikura	31S	F1SOCMTLA
	41S	
	19S	
	62S	
	70S	
Furukawa/Fitel	S153	F1SOCMTLF
	S178	
	S179	F1SOCCAF2
	Ninja	
Sumitomo	Q102-CA	F1SOCMTLS
	Q101-CA	
	QH201E	



### 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