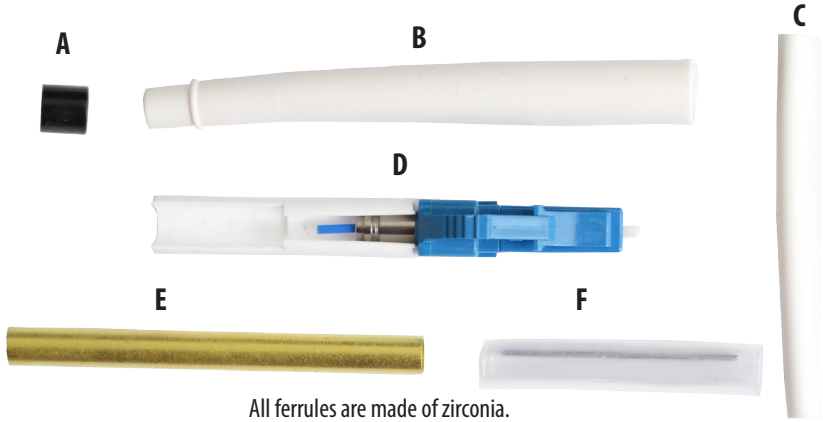
FIS ARMORDILLO 2.0/3.0mm SPLICE-ON CONNECTOR



All ferrules are made of zirconia.

SOC CONTENTS

A. Black Boot Crimp
B. 3.0mm Boot
C. 1.6/2.0mm Tubing
D. Splice-On Connector
E. Extended Brass Crimp Sleeve
F. Inner Splice Sleeve

Armordillo Fully Assembled
F1-LCUPC-SOC-A

FEATURES

- Return loss: APC >60dB, UPC >55dB and MM 35dB (typical)
- LC,SC,ST and FC styles available: SM, MM, 10Gig
- 3mm boot protects splice for easy cable management
- Brass crimp to protect splice
- Tubing insert to accomodate 1.6/2.0/3.0 cordage

Using a factory-terminated and pre-polished connector, the Armordillo Splice-On Connector (SOC) provides a connection that meets or exceeds industry standards for loss and back reflection. The Armordillo Splice-On Connector is provided with a factory-cleaved 900um fiber stub to ensure ease of use and optimal performance.

The unique boot allows the entire splice to be concealed and protected. The addition of an extended brass crimp sleeve provides extra protection to the splice and utilizes the Kevlar for maximized pull strength. The Armordillo is designed to work with many fusion splicers (cordage fiber holders & Universal SOC Oven is required).

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	Blue	Beige	Black	Aqua	Magenta
Operating Temperature	-40 to +85 degrees C					
Industry Standards	RoHS Compliant, Telcordia GR-326-CORE Compliant					

Mechanical Performance

Pull Strength	15Lbs/ 5 seconds Straight Pull 5Lbs/ 5 seconds 90° Pull
Applied Load	4.4Lbs Straight Pull 4.4Lbs 90° Pull

ORDERING INFORMATION

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

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

F1-UnivSOC-Oven

ARMORDILLO SOC COMPATIBLE SPLICER CHART

Manufacturer	Splicer Model	Armordillo Cordage Holder	Connector Holder Part Number
FIS	F1-CA3	F1SOC30FISHLDR	F1SOCMTLCA3
	F1-AC4	F1SOC30AC4HLDR	F1SOCMTLAC4
AFL/Fujikura	12S	F1SOC30AFLHLDR	F1SOCMTLA
	19S		
	60S/70S		
	62S		
	21S/22S		
Furukawa/Fitel	S123 (C/M)	F1SOC30FTLHLDR	F1SOCMTLF
	S153		
	S178A		
	S179		F1SOCCAF2
	Ninja		
Sumitomo	Type-25e (U/S)	F1SOC30SHLDR	F1SOCMTLS
	Quantum (Q101-CA)		

Cordage Holder

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