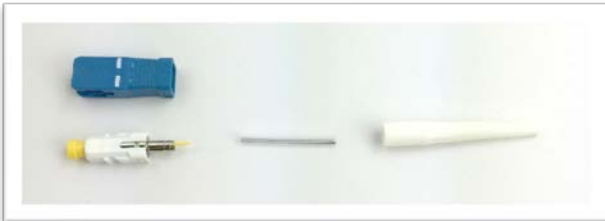


## FOX-SOC (Splice-On-Connector)

### Overview

The FOX Splice on Connector (SOC) is a Field-Installable Connector that is fusion spliced to the end of the cable. The factory pre-polished ferrule eliminates the need for polishing, adhesives, index matching gels, and crimping in the field. Using a fusion splicer to terminate the connector in the field provides a very reliable connection and minimizes the potential for operator error and expensive connector scrap. It also addresses return loss concerns associated with other field Connectorization methods. This advanced process yields true APC performance for SC/APC and LC/APC configurations, and is compliant to GR-326-CORE. Splice on Connectors are compatible with most fusion splicer's that use fiber holder-based fusion splicing platforms.



### Accessories

FiberFox Metal SOC Holder	
Part Number	FMH

### Packaging





### Benefits

- Connectorization in RF-overlay, Cable TV backbone networks, outside plant, MDU, FTTP Cabling
- Fiber to the Home (FTTH)
- Central office connector replacement
- Data center installations
- Fiber to the Desk (FTTD)
- Anywhere mechanical splice, polish type connectors, or fusion spliced pigtails are used.

### Features

- Simple, Fast, & Consistent Field Termination
- Field installable in less than 3 minutes
- Fiber in connector is stripped and cleaved, ready for splicing
- No adhesives, crimping, mechanical splices, index matching gels, or polishing
- True APC performance for LCA & SCA
- SM Compliant to Telcordia GR-326
- MM compliant to TIA/EIA568C.3
- Compatible with most fusion splicer's
- Eliminates the need for splice trays and splice panels
- EZ Open packaging organizes the parts in the correct order making it easier for the installer
- Reliable splicing process virtually eliminates callbacks for connector problems
- Flame Retardant Connector Housings

Connector Types	LC and SC
Polish Types	UPC (Singlemode), APC(Singlemode)and PC(Multimode)
Fiber Types	Singlemode, Multimode 62.5 and 50 Micron OM2, OM3, and OM4 Fiber
Cable Types	900 micron and 250 micron coated fiber
Insertion Loss	SM: 0.15 dB (average), 0.3 dB (maximum) MM: 0.10 dB (average), 0.3 dB (maximum)
Return Loss	(APC), $\leq -55$ dB (UPC)SM: $\leq -65$ dB MM: $\leq -35$ dB (PC)
Operating Temperature	-40°C to +75°C



## Ordering Guide

### SC Splice-On-Connector

Part Number	Description			Color		
				Housing	Boot	
FOX-SCU-SM-0.9-12	12 pack	SC SM UPC	900um	Blue	White	
FOX-SCA-SM-0.9-12	12 pack	SC SM APC	900um	Green	White	
FOX-SCU-OM1-0.9-12	12 pack	SC OM1 PC	900um	Beige	White	
FOX-SCU-OM2-0.9-12	12 pack	SC OM2 PC	900um	Black	White	
FOX-SCU-OM3-0.9-12	12 pack	SC OM3 PC	900um	Aqua	White	
FOX-SCU-OM4-0.9-12	12 pack	SC OM4 PC	900um	Magenta	White	

### LC Splice-On-Connector

Part Number	Description			Color		
				Housing	Boot	
FOX-LCU-SM-0.9-12	12 pack	LC SM UPC	900um	Blue	White	
FOX-LCA-SM-0.9-12	12 pack	LC SM APC	900um	Green	White	
FOX-LCU-OM1-0.9-12	12 pack	LC OM1 PC	900um	Beige	White	
FOX-LCU-OM2-0.9-12	12 pack	LC OM2 PC	900um	Black	White	
FOX-LCU-OM3-0.9-12	12 pack	LC OM3 PC	900um	Aqua	White	
FOX-LCU-OM4-0.9-12	12 pack	LC OM4 PC	900um	Magenta	White	



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