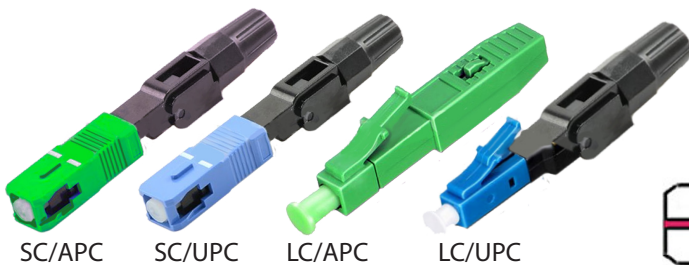




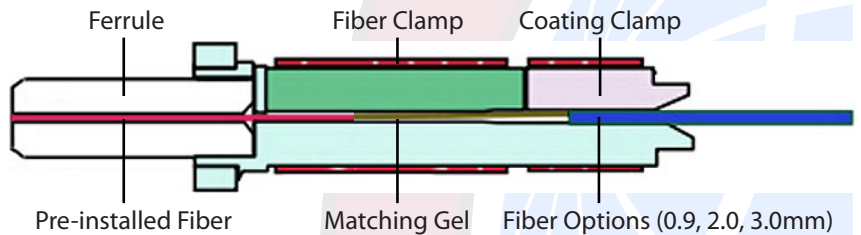
# Field-Installable Fiber Optic Connectors

The Multicom Field-Installable Fiber Optic Connectors feature a pre-polished ferrule (UPC/APC), that couples to the fiber being terminated by precision mechanical alignment, insuring low loss with a proprietary gel. Offering convenience and stability, the assembly of the connector requires only normal fiber preparation tools and minimal space, making them easy to prepare in the field in minutes. Just strip the buffer, cleave and clean the fiber, and then insert the fixed-length fiber through the ferrule of the connector.



## Features:

- No epoxy, fiber polishing, special tools or fusion splicer required
- Quick and easy fiber termination in less than two minutes
- Precision mechanical alignment insures low insertion loss
- Superior optical performance
- Durable components design for convenience and reusability
- Pre-installed fiber in ferrule for on-site assembly
- Uses proven, molded v-groove technologies
- Allow optical continuity to be verified by use of visual fault locator (VFL)

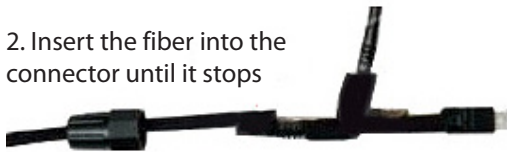


## Installation Example:

1. Insert the tail cap from the end of the cable



2. Insert the fiber into the connector until it stops



3. Press the slider forward, push down the tail cover

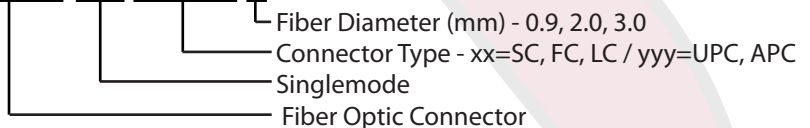


4. Screw on the tail cap and add the head cover. The connector is complete.



Parameter	Specification
Connector Type	SC/LC/FC, Simplex
Cable Diameters	0.9 / 2.0 / 3.0mm
Fiber Mode	Singlemode / Multi-Mode
Polish	UPC / APC
Insertion Loss	UPC: $\leq 0.35$ dB, APC: $\leq 0.35$ dB
Return Loss	UPC: $\geq 45$ dB, APC: $\geq 50$ dB
Tension Test	$\geq 50$ N
Operating Temperature	-40°C ~ +75°C
Compliance	Designed to Telcordia GR-20-CORE, GR-326 and TIA/EIA 568C, RoHS

## FOCON-SM-xx/yyy-f



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