

## FOX MC (Field Installable Mechanical Connectors)

LC, SC, and ST available in 900um, 2mm, and 3mm sizes

**Full Proof Window Shows Inside The Connector For Optimal Results**



### SPECIFICATION

Connector Types	LC, SC and ST
Polish Types	UPC(Singlemode), APC(Singlemode) and PC(Multimode)
Fiber Types	Prismian/Draka G.652.D Singlemode & OM1, OM2, OM3, OM4 Multimode
Cable Types	900 micron and 250 micron coated fiber, 2mm, and 3mm
Insertion Loss	SM: 0.3 dB(average), 0.5dB(maximum) MM: 0.01 dB(average), 0.3 dB(maximum)
Return Loss	Typ. 50dB / Max. 55dB [PC], Typ.55dB / Max. 60dB [APC]
Operating Temperature	-40 °C to + 75 °C
Tension	2 mm & 3mm; 3.0kg / $\leq$ 0.2dB change 250 $\mu$ m & 900 $\mu$ m 0.75kg / $\leq$ 0.2dB change
Standard	TIA/EIA 604-3
Compliance	Intermateability IEC 61754-20; EU regulation : RoHS Flammability Grade : UL94 V-0 (Optional)

### FEATURES

- Simple, Fast, & Consistent Field Termination
- Field installable in less than 2 minutes
- **Reusable up to 3 Times**
- Window shows inside the connector and provides full proof results
- Flame Retardant Connector Housings





## Ordering Guide

Available in LC,SC,ST, for 900um, 2mm, and 3 mm Cable

<b>FOX Mechanical Connector Termination Kit</b>	<b>(P/N) MC-KIT</b>	Precision Cleaver, 250 Holder, 900 Holder, 2.5mm VFL with 1.25mm adapter, KS-1 Shears, Tri-hole Strippers, Lint free wipes(90), One Tap Cleaning Fluid, 2.5mm Ferrule Cleaner, 1.25mm Ferrule Cleaner, Utility Knife, Screwdriver, marker, soft case
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### 900um Mechanical Connector

Substitute LC, SC, or ST, for \*\* complete part numbers.

Part Number	Description			Color	
				Housing	Boot
FOX-MC-**-U-SM-09-10	10 pack	** SM UPC	900um	Blue	Black
FOX-MC-**-A-SM-09-10	10 pack	** SM APC	900um	Green	Black
FOX-MC-**-U-OM1-09-10	10 pack	** OM1 PC	900um	Beige	Black
FOX-MC-**-U-OM2-09-10	10 pack	** OM2 PC	900um	Black	Black
FOX-MC-**-U-OM3-09-10	10 pack	** OM3 PC	900um	Aqua	Black
FOX-MC-**-U-OM4-09-10	10 pack	** OM4 PC	900um	Aqua	Black

### 2mm LC, SC, ST Mechanical Connector

Substitute LC, SC or ST for \*\* for complete part numbers

Part Number	Description			Color	
				Housing	Boot
FOX-MC-**-U-SM-2-10	10 pack	** SM UPC	2 mm	Blue	Black
FOX-MC-**-A-SM-2-10	10 pack	** SM APC	2 mm	Green	Black
FOX-MC-**-U-OM1-2-10	10 pack	** OM1 PC	2 mm	Beige	Black
FOX-MC-**-U-OM2-2-10	10 pack	** OM2 PC	2 mm	Black	Black
FOX-MC-**-U-OM3-2-10	10 pack	** OM3 PC	2 mm	Aqua	Black
FOX-MC-**-U-OM4-2-10	10 pack	** OM4 PC	2 mm	Aqua	Black

### 3mm LC, SC, ST Mechanical Connector

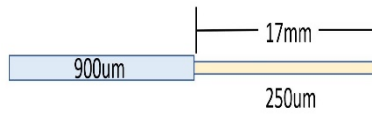
Substitute LC, SC or ST for \*\* for complete part numbers

Part Number	Description			Color	
				Housing	Boot
FOX-MC-**-SM-3-10	10 pack	LC SM UPC	3 mm	Blue	Black
FOX-MC-**-A-SM-3-10	10 pack	LC SM APC	3 mm	Green	Black
FOX-MC-**-U-OM1-3-10	10 pack	LC OM1 PC	3 mm	Beige	Black
FOX-MC-**-U-OM2-3-10	10 pack	LC OM2 PC	3 mm	Black	Black
FOX-MC-**-U-OM3-3-10	10 pack	LC OM3 PC	3 mm	Aqua	Black
FOX-MC-**-U-OM4-3-10	10 pack	LC OM4 PC	3 mm	Aqua	Black

1. Check the parts, insert boot to cable



2. Check the length for cutting fiber



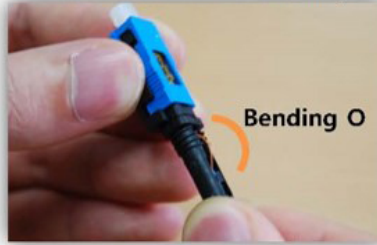
3. Check Jig setting



4. Insert the fiber to connector



5. Make sure fiber bending



6. Pull out the Jig



7. Press the button (Yellow cover)



8. Release the bending



9. Lock the boot with yarn



10. Cut the yarn



11. Completion to assemble

