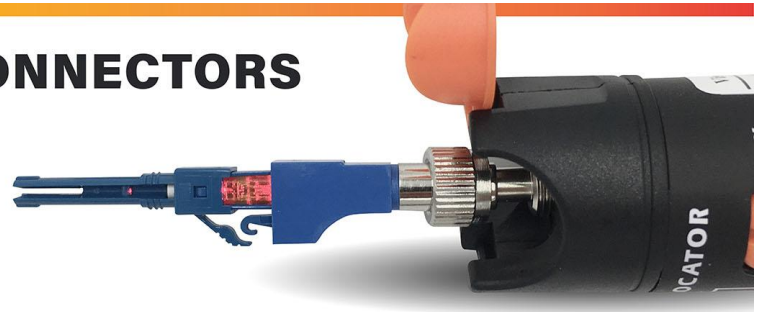


## 3X 900um MECHANICAL CONNECTORS

### Field Installable and Reusable

The Optix 3X 900um mechanical connector is a simple two piece design and features a fast and consistent field termination in less than two minutes. These connectors are reusable up to three opportunities avoiding costly scrapped connectors on “failed” connections.

## 3X MECHANICAL CONNECTORS ARE REUSABLE



VFL LIGHTS THE WINDOW TO OPTIMIZE THE CONNECTION FOR FULL PROOF RESULTS

Our connectors use Corning fiber and are compliant to TIA/EIA 604-3. They are available in LC, SC, and ST styles and are designed to be spliced with 900um or 250um single strand tight buffer or loose tube cable. This connector simple termination allows for a reliable termination in field applications

### Features

- Simple, Fast, & Consistent Field Termination
- Field installable in less than 2 minutes
- **Reusable up to 3 Times**
- Flame Retardant Connector Housings



### Procedure for Installation

- SC Connectors: Mark 20mm and 38mm from the end of the cable
- LC Connectors: Mark 20mm and 40mm from the end of the cable
- Strip insulation and acrylate coating to 20mm
- Cleave fiber to 10mm
- Strip insulation to second mark
- Take out the black jig on the connector on the opposite side of the window
- Insert fiber into connector using guide rails until fiber “bends”
- Press the window to engage mechanical connection
- Screw on the boot

## Specifications

Connector Types	LC, SC, and ST
Polish Types	UPC(Singlemode), APC(Singlemode) and PC(Multimode)
Fiber Types	Corning G.652.D Singlemode & OM1, OM3, OM4 Multimode
Cable Types	900 micron and 250 micron coated fiber
Insertion Loss	SM: 0.3 dB(average), 0.5 dB(maximum) MM: 0.10 dB(average), 0.3 dB(maximum)
Return Loss	Typ. 50dB / Max. 55dB [PC], Typ.55dB / Max. 60dB [APC]
Operating Temp	-40°C to + 75°C
Tension	250µm & 900µm 0.75kg / ≤ 0.2dB change
Standard	TIA/EIA 604-3
Compliance	Intermateability IEC 61754-20; EU regulation : RoHS Flammability Grade : UL94 V-0 (Optional)

## Ordering Information

### Mechanical Connector Tool Kit

Part Number	Description
MCT-KIT	Precision Cleaver, 10 Mw VFL, VFL adapter (1.25mm), KS-1 Shears, Tri-Hole Cable Stripper, Cable Jacket Stripper, Lint-free Wipes 4"x4" (50), Cleaning Fluid Bottle, 2.50mm Cleaning Pen, 1.25mm Cleaning Pen, Soft Case

### 3X Mechanical Connectors for 900um

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

Part Number	Description			Color	
				Housing	Boot
3XMC-**-U-SM-09-10	10 pack	** SM UPC	900um	Blue	Blue
3XMC-**-A-SM-09-10	10 pack	** SM APC	900um	Green	Green
3XMC-**-U-OM4-09-10	10 pack	** OM4 PC	900um	Aqua	Aqua
3XMC-**-U-OM1-09-10	10 pack	** OM1 PC	900um	Beige	Beige



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