



Mechanical LC Connector

Eliminates the Use of Splicing, Polishing or Epoxy for Bare or Buffered Fiber



900 μ m LCA
Mechanical Connector

Features and Benefits

- Fully compatible with other LC connectors
- Reduces the need for slack storage
- Reduces assembly time
- No polishing or epoxy required
- Easy instructions
- Useful in multiple applications

Product Description

OFS offers a mechanical LC connector that provides quick and easy assembly in the field. The Connector is similar to factory installed LCA and LCU connectors. It has the familiar push-pull insertion and release that is known by most craft personnel. Minimum amount of tools required and has an easy to follow installation method.

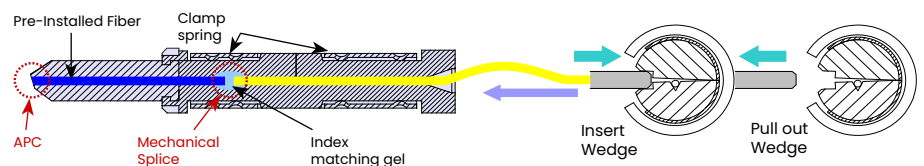
The offering is for single-mode and multimode connectors that can mount on bare or buffered fiber.

| Performance Characteristics | |
|------------------------------|--|
| Item | Specification |
| Applicable fiber | Single-Mode fiber (900 μ m) for LC APC |
| | Single-Mode fiber (900 μ m) for LC UPC |
| Insertion loss | \leq 0.25 dB |
| Return loss | \geq 60 dB |
| Durability | < 0.1 dB change, 500 matings |
| Operation Temperature | -40 °F ~ +167 °F (-40 °C ~ +75 °C) |
| Storage Temperature | -40 °F ~ +185 °F (-40 °C ~ +85 °C) |
| Tensile | TIA/EIA 568-B.3 |
| Intermateability | IEC 61754-4 |
| Assembly time | Typically 2 min |

Applications

- FTTx MDU and SFU
- CLEC/ILEC
- MSO/Broadband/CATV
- Municipal networks
- Data centers

Mechanical Connector Technology

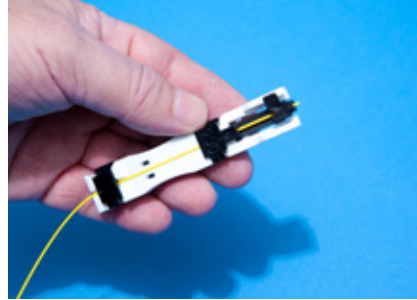


Pull out Wedge under fiber bending condition to keep adequate connection between two fiber end-faces.

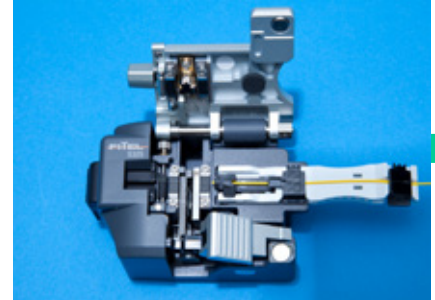
Simple Assembly Required



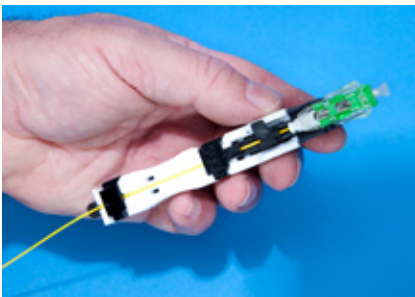
Strip Coating



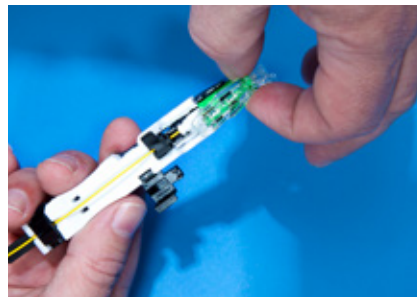
Place Fiber in Fiber Holder



Cleave Fiber



Insert Fiber into Connector



Remove Wedge by Pushing Lever



Complete!

Mechanical LC Connector Ordering Information ^{1,2}

| Comcode | Item | Specification |
|-----------|---|--------------------------------------|
| 301066585 | Mechanical LCA Connector – 250/900 μm fiber | MOCLCA-SM-250um/900um-W/TOOL-50 PACK |
| 301066254 | Mechanical LCU Connector – 250/900 μm fiber | MOCLCU-SM-250um/900um-W/TOOL-50 PACK |
| 301066601 | Mechanical LCU Connector – 250/900 μm fiber | MOCLCU-MM-250um/900um-W/TOOL-50 PACK |
| S326A | Cleaver, Flat Cleave | S326A Cleaver |

¹ Alignment tool ships with the connector. Cleaving tools required.

² Sold in packages of 50.

For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.