FIBERTRONICS

FieldConx™ Fiber Optic Field-Installable Connectors and Tools

Installation Instructions

LC Universal Type

Tools Needed:

Pusher

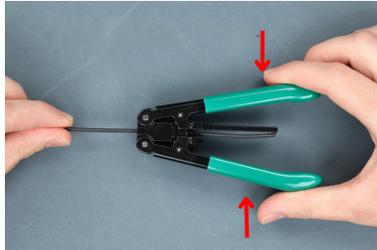| Field Connector | Tail Boot | Dust Free Wipe | Cutting Jig | Fiber Strippers | Drop Cable Stripper (for drop cable ONLY) | Kevlar Scissors | Cleaver | Ruler | Permanent Marker |

**Note: Connector, tail boots, pusher, and dust free wipe are included when purchasing the connector. Our other tools and supplies are sold separately.

For Drop Cable

Step 1: Put the tail boot onto the cable.

Step 2: Insert the cable in the drop cable stripper to at least the 5cm mark and strip the jacket from the fiber.
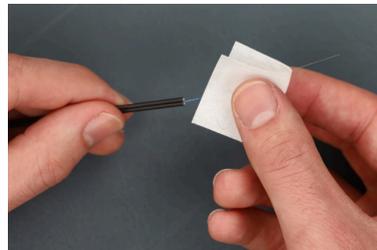
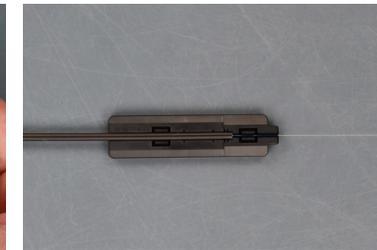**Step 3:** Fix the cable into the cutting jig. The outer jacket must meet the outer jacket limit.

Outer Jacket Limit

Step 4: Mark the 250μm acrylate at the end point of the cutting jig.

End Point of Cutting Jig

Step 5: Strip off the 250μm acrylate coating back to the added mark—stripping off the mark in the process.
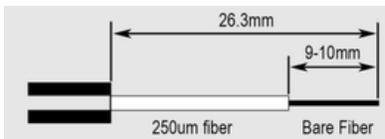
Step 6: Clean the bare fiber with the dust-free wipe.

Step 7: Fix the fiber in the cutting jig. The outer jacket must meet the outer jacket limit. The 250μm acrylate coating should meet the end of the cutting jig.
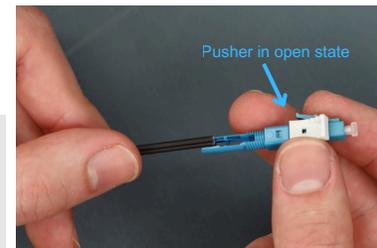
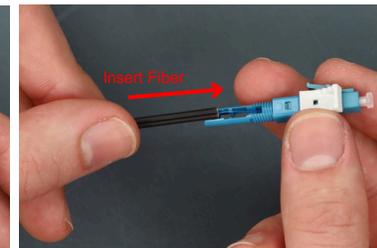**Step 8:** Slide the cutting jig in the holder slot of the cleaver until it meets the clamp pad. Cleave fiber.

Clamp Pad and Cutting Jig Meet

26.3mm

9-10mm

250um fiber   Bare Fiber

Note: The appropriate lengths of fiber and jacketing after cleaving.
**Photo Not to Scale

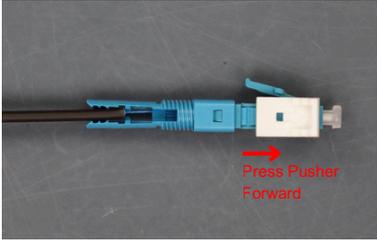**Step 9:** Ensure the connector is in the open state by checking that the pusher stick is down near the base of the connector's housing.
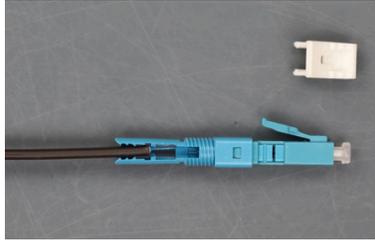
Pusher in open state

Step 10: Insert the fiber into the connector until the fibers meet inside—you'll feel resistance.

Insert Fiber

Note: There should be a slight bend in the fiber.

Step 11: Press the pusher forward to lock the fiber.

Step 12: Remove the pusher.
Note: Do NOT discard the pusher[1]

Step 13: Screw the tail boot up all the way to complete the assembly.

[1] - Connectors can be re-terminated at least 10 times.