FieldConx™ Fiber Optic Field-Installable Connectors and Tools

Installation Instructions
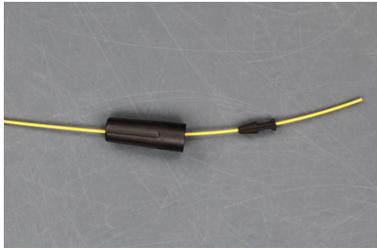
SC Universal Type

Tools Needed:

Pusher

Field Connector | Tail Boot | 900μm Soft Tail Boot | Dust Free Wipe | Cutting Jig | Fiber Strippers | Kevlar Scissors | Cleaver | Ruler | Permanent Marker

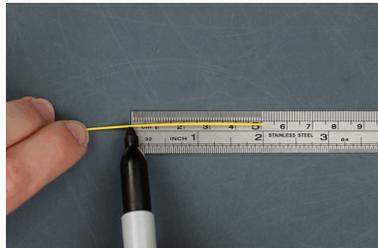**Note:** Connector, tail boots, pusher, and dust free wipe are included when purchasing the connector. Our other tools and supplies are sold separately.
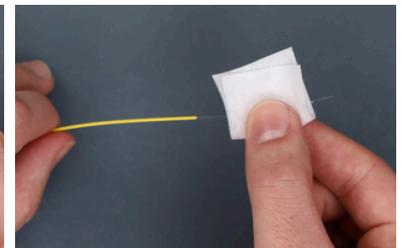
For 900μm Round Cable

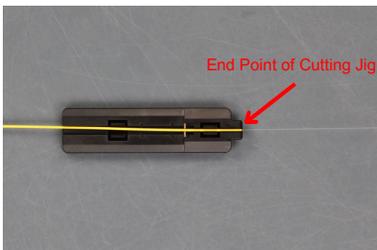**Step 1:** Put the tail boot and the 900μm tail boot onto the cable.

Step 2: Mark cable at 5cm.

Step 3: Carefully strip the 900μm tight-buffer coating back to the added mark—stripping off the mark in the process. Strip in small sections to prevent fiber damage. Ensure the acrylate coating is fully removed from the fiber.
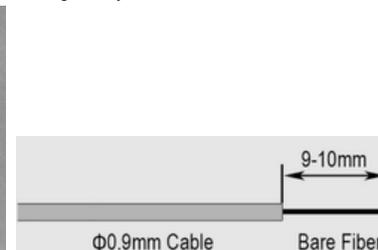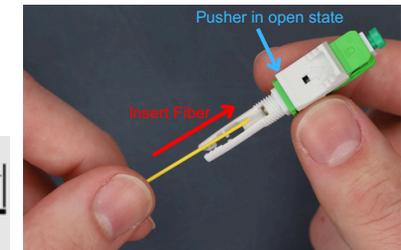

Step 4: Clean the fiber with dust-free wipe.

End Point of Cutting Jig

Step 5: Fix the fiber into the cutting jig. The end of remaining 900 μm tight-buffer coating should meet the end point of the cutting jig.

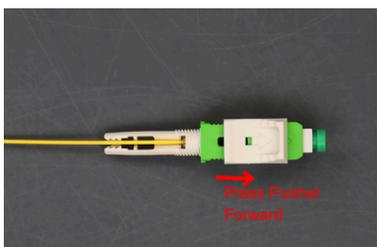Clamp Pad and Cutting Jig Meet

Step 6: Slide the cutting jig in the holder slot of the cleaver until the end of the cutting jig meets the clamp pad. Cleave fiber.
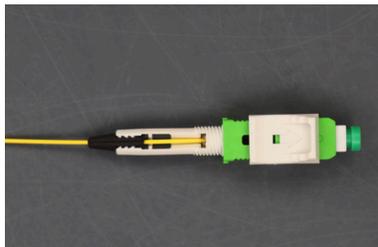

9-10mm

Φ0.9mm Cable | Bare Fiber

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

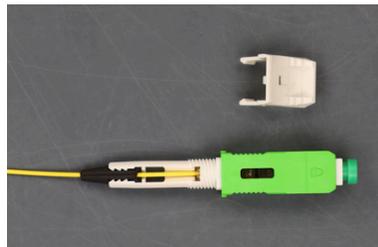

Pusher in open state

Insert Fiber

Step 7: Ensure the connector is in the open state by checking that the pusher stick is down near the base of the connector's housing. Insert the fiber into the connector until the fibers meet inside—you'll feel resistance.

Press Pusher Forward

Step 8: Press the pusher forward to lock the fiber

Step 9: Push the 900μm tail boot into the slot at the end of the connector.

Step 10: Remove the pusher.
Note: Do NOT discard the pusher[1]

Step 11: Screw the tail boot up all the way to complete the assembly.

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