

FieldConxTM Fiber Optic Field-Installable Connectors and Tools

Installation Instructions

SC Universal Type

Tools Needed:



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

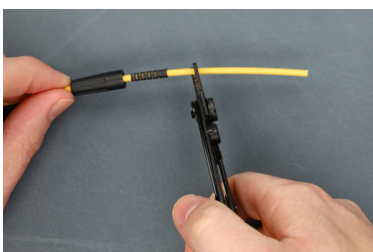
For 2mm / 3mm Round Cable



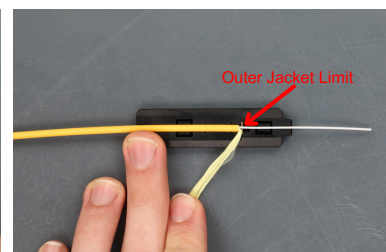
Step 1: Put the tail boot and soft tail boot on cable.



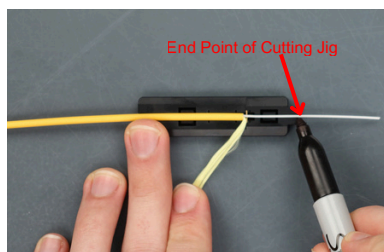
Step 2: Mark cable at 5cm.



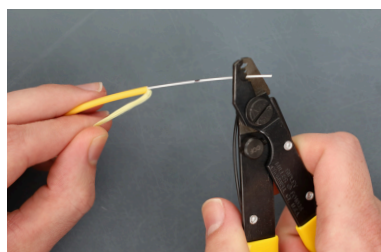
Step 3: Strip the outer jacket off from the marked spot.



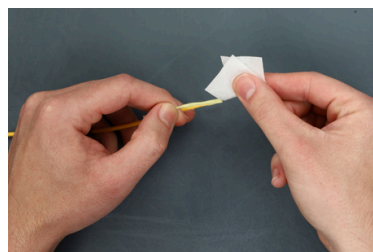
Step 4: Place the cable into the cutting jig. The outer jacket must meet the outer jacket limit.



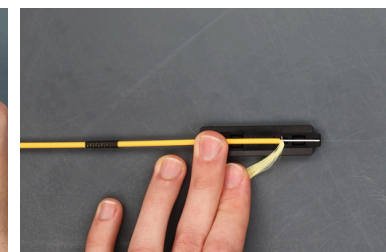
Step 5: Push the 900µm tight buffer back so that it is not excessively pulled out of the outer jacket. Mark the 900µm tight buffer at the end point of the cutting jig.



Step 6: Strip off the 900µm tight buffer coating all the way back to the marked spot. Do this in small sections at a time to avoid breaking the fiber. Ensure that the acrylate coating is completely off the fiber.



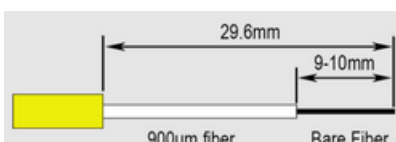
Step 7: Clean the bare fiber with the dust-free wipe.



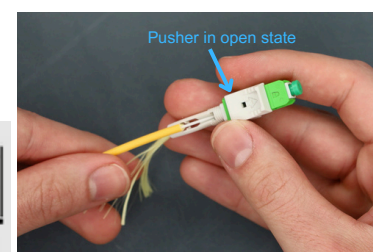
Step 8: Fix the fiber in the cutting jig. The outer jacket must meet the outer jacket limit. The 900µm should end at the end of the cutting jig.



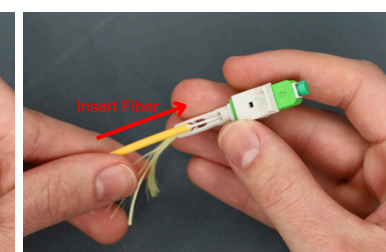
Step 9: Slide the cutting jig in the holder slot of the cleaver until the end of the cutting jig meets the clamp pad. Cleave fiber.



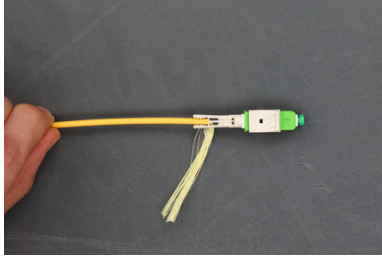
Note: The appropriate lengths of fiber and jacketing after cleaving.
****Photo Not to Scale**



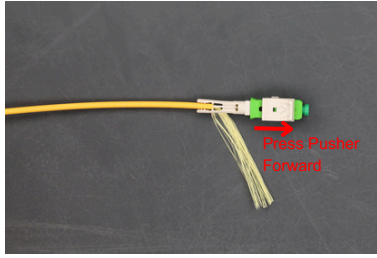
Step 10: Ensure the connector is in the open state by the pusher stick being all the way down to the connector housing.



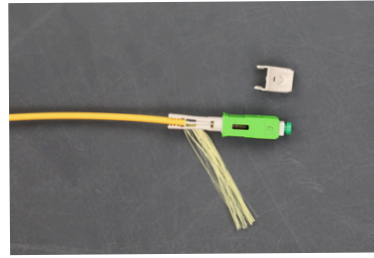
Step 11: Insert the fiber into the connector at a slight angle until the fibers meet.



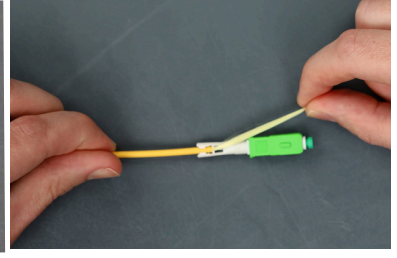
Step 12: Press the outer jacket into the slot.



Step 13: Press the pusher forward to lock the fiber.



Step 14: Remove the pusher.
****Note:** Do NOT discard the pusher¹



Step 15: On the opposite side, straighten the Kevlar.



Step 16: Screw the tail boot 1-2 times.
****Note:** If it is difficult to screw the tail boot up, you may have to cut off excessive Kevlar.



Step 17: Cut the Kevlar.



Step 18: Screw the tail boot up all the way to complete the assembly.

¹ - Connectors can be re-terminated at least 3 times.