

1. INSTALL BOOT ONTO FIBER

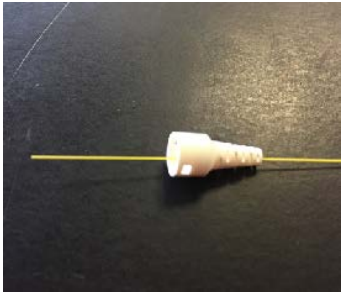


Figure 1: 250µm

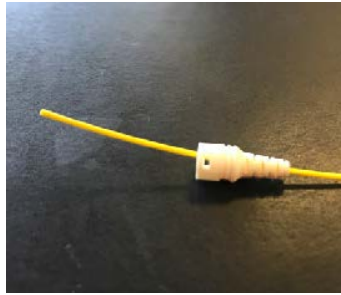


Figure 2: 900µm

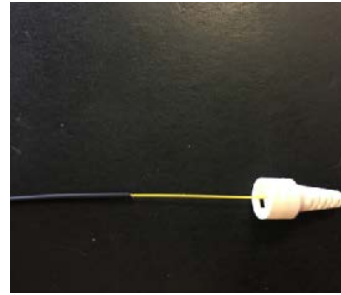


Figure 3

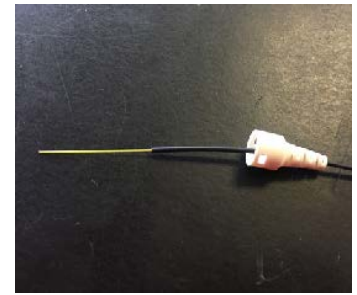


Figure 4



Figure: 4.1



Figure: 4.2

Install boot onto either 250µm or 900µm fiber (Figures 1/2). An additional step will need to be taken for the 250µm application. After the boot is applied, slide on the provided tube with the pre-angled cut first (Figure 3). Slide the boot all of the way on until the fiber protrudes from the non-angled side of the tube (Figure 4). Before installing the ST boot, insert the ring into the boot (Figure 4.1 and 4.2).

2. REMOVE FIBER JACKET



Figure 5: 250µm

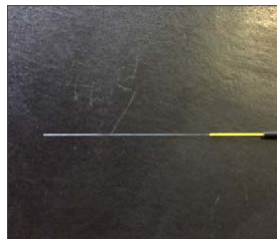


Figure 6: 250µm



Figure 7: 250µm



Figure 8: 900µm

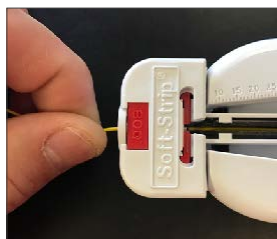


Figure 9: 900µm



Figure 10: 900µm

For 250µm applications mark your fiber at 30mm, at that point strip down to bare fiber using hand stripper (Figure 5). Slide the tubing up flush to the area where the bare fiber starts (Figure 6), then mark the tubing at 32 and 40mm from the beginning of the fiber (Figure 7/8). The 32mm indication mark designates positioning if using the fiber holder and the 40mm indication mark designates the back of the connector once termination is completed (Figure 10).

For 900µm applications mark your fiber at 30, 32, and 40mm (Figure 8). 30 mm designates the strip length that will be removed by the thermal stripper (Figure 9). The 32mm indication mark designates positioning if using the fiber holder and the 40mm indication mark designates the back of the connector once termination is completed (Figure 10).

3. CLEANING/SCREENING BARE FIBER



Figure: 11



Figure: 12

Clean bare fiber with a lint-free wipe moistened with pure alcohol, bend fiber several times by moving it with your finger back and forth (Figure 11). If fiber breaks start termination procedure back at the beginning.

Insert the fiber into the cleaver and stop at the correct cleaving distance of 10mm for SC & LC, 12.5-12.75mm for ST (Figure 12).

4. INSERT FIBER INTO CONNECTOR

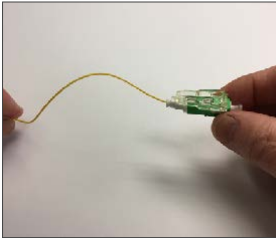


Figure: 13

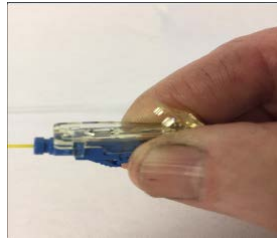


Figure: 14

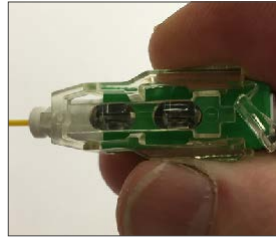


Figure: 15

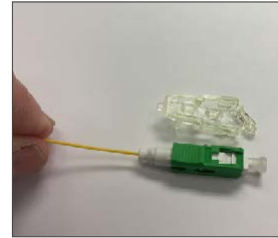


Figure: 16

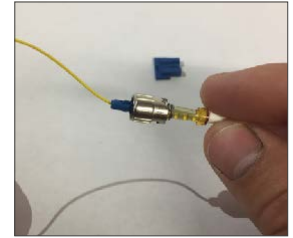


Figure: 17



Figure: 18

Insert fiber with a slight bow into the connector (Figure 13) flip the gate open and press the tabs on each side to release the wedge (Figure 14 & 15). Fiber will be locked into place (Figure 16). To release the fiber simply reattach the wedge. For ST remove the blue jig (Figure 17) The spring should be compressed and the termination button will be at an angle. While holding the cable push the button down to terminate the fiber (Figure 18). The spring will release, the fiber will be terminated and the button will be straight. To release the fiber pull the spring back beyond the button, reattach the blue jig and push up-ward, the button should be at an angle once again and the fiber will release.

***Note there is a limited amount of index matching gel inside the connector which is required for proper alignment. Re-termination should only be attempted once.*

5. FITTING THE BOOT



Figure: 19



Figure: 20



Figure: 21

Align the holes in the boot with the tabs on the connector (Figure 19) and push until the boot is seated. ST boot doesn't have alignment holes. Final product will resemble (Figures 20 & 21)

6. VISIBLE LIGHT CHECK



Figure: 22



Figure: 23

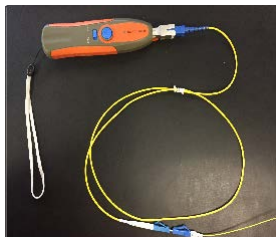


Figure: 24

Use a visible light source to test the connection (Figure 24). If no visible light or very little light shows through the connector windows, the connection is good (Figure 22). If visible light shows through the connector windows the connection is bad (Figure 23) and re-terminate per instructions.

***For proper connector testing, it is important to have a visible light source (Part#RFCSCSM) and a launch cable test kit (Part#RFCLCB) both shown (Figure 24)*

For additional instructions please log onto www.occfiber.com