

Installation Instructions for Mechanical Field Mountable Connectors



Kit Contents:

- Connector Body
- Connector Cover
- Screw Boot
- Pigtail Boot
- Fiber Cleaning Handkerchief

Package Contents:

- Cleaver
- Fiber Support

Required Accessories not in the kit:

- Isopropyl Alcohol
- Scissors
- Stripper with 3 holes

Part 1. Connector Installation Procedure



1. With the larger hole of the stripper, remove the first external sheath by a minimum of 80 mm.



2. Cut the Kevlar fiber with the outer sheath with scissors.



3. Massage the outer sheath of the cable until all the Kevlar is hidden.



4. With the intermediate hole of the stripper remove the sheath from 900 µm for a minimum of 20 mm.



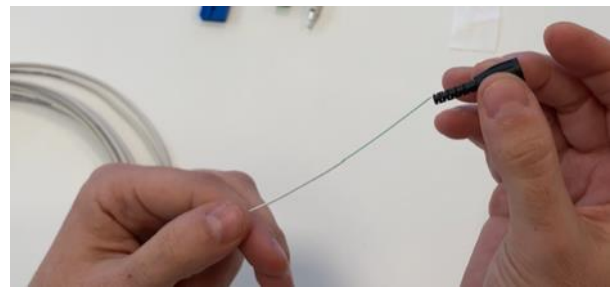
5. Cut the Kevlar yarns with the 900 µm sheath with scissors.



6. Massage the 900 µm sheath until the Kevlar is completely hidden.



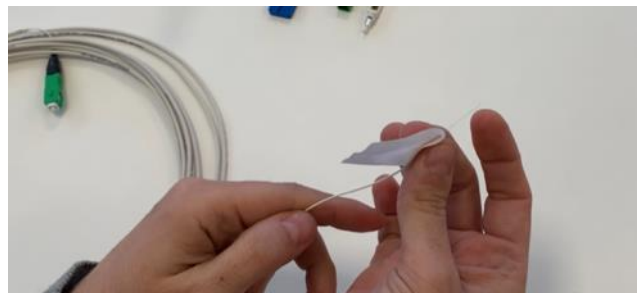
7. Insert the pigtail boot into the screw boot until it locks mechanically.



8. Insert the fiber through the boot with the pigtail.



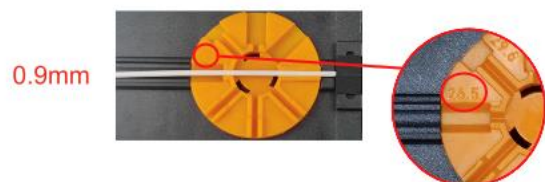
9. Completely remove the exposed 250 µm liner using the smaller hole of the stripper.



10. After soaking the handkerchief with the appropriate amount of solvent, clean the fiber of acrylate residues.



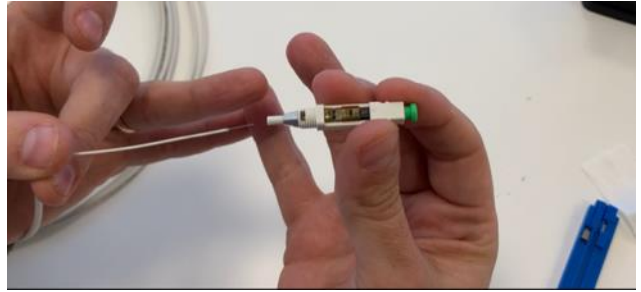
11. Step 1. Open the cutter by moving the orange block to the right; Step 2. Rotate the orange circular fiber holder on the cutter and bring it to the 26.5 position; Step 3. Push the blade from the back of the cutter towards the front of the cutter.



12. Insert the 900 µm fiber inside the round holder at position 26.5.



13. Close the cutter cover completely to cut the fiber.



14. Insert the cut fiber inside the connector body.



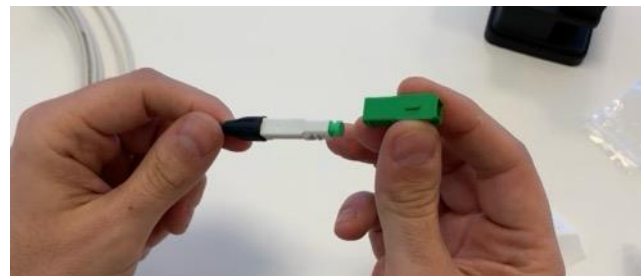
15. Insert the fiber carefully until it reaches the stop



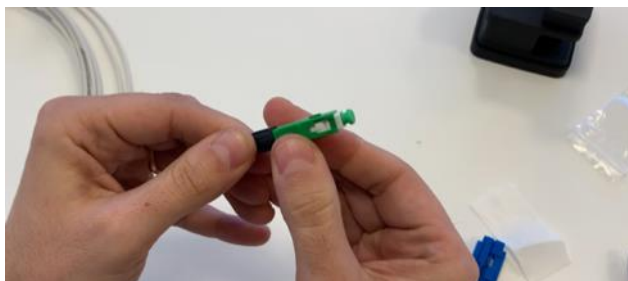
16. Hold the position obtained with the fiber at the stop with one hand and with the other push the yellow lever towards the front part of the connector until it stops.



17. Carefully carry out a pull test by applying a minimum force to check whether the fiber has been fixed correctly inside the connector body.



18. Bring the boot with the pigtail forward and insert the connector cover with the key on the white side of the connector body.

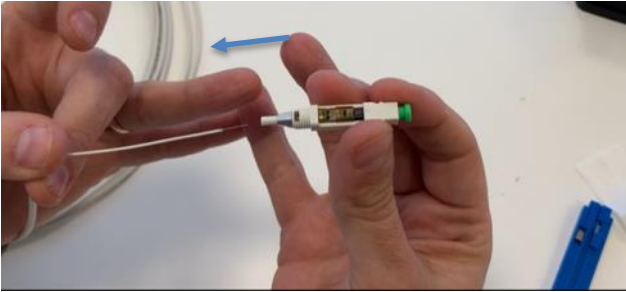


19. Screw the boot onto the connector body.

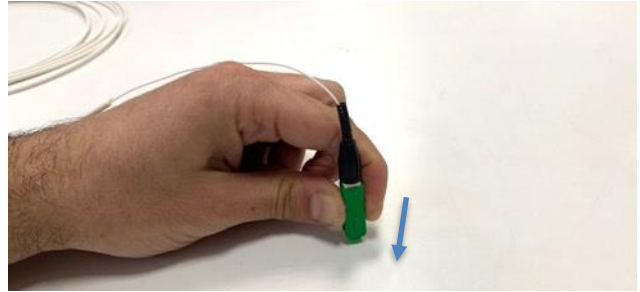


20. Do a laser check.

Part 2. Connector Re-opening Procedure



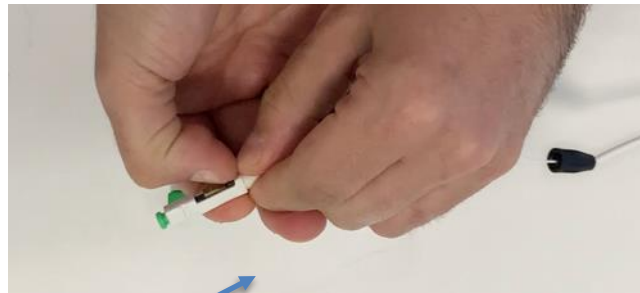
The connector can be reopened to retry the installation for non-compliant attenuation values up to 5 times.



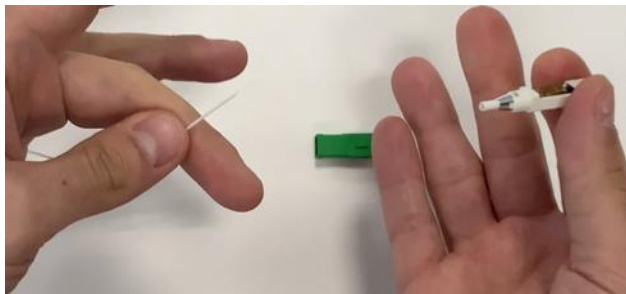
1. Push the connector cover with the front part towards a flat surface, being careful to keep the cap on the connector ferrule itself.



2. Unscrew the connector boot.



3. Hold the fiber and the base of the connector body with one hand and with the other hand push the yellow lever until it reaches the end of its travel towards the rear part of the connector.



4. Remove the fiber from the connector body.



5. If necessary clean the fiber otherwise reinsert the fiber directly and start again from point 16 of paragraph 1.