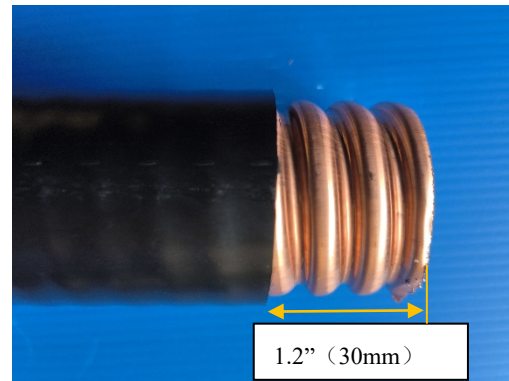


Installation Instruction

For 1-5/8" EIA Connector of SDY-50-40(1-5/8") air cable

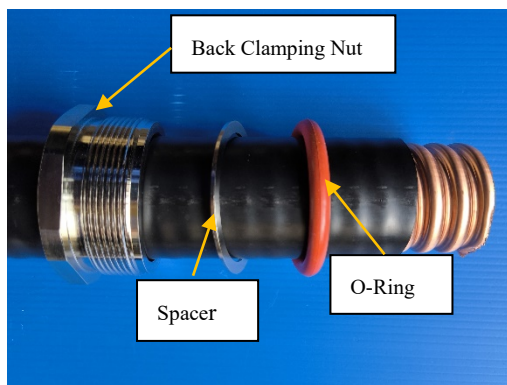
Tools Needed:

1. Metric Allen Set
2. Utility Knife
3. Metal Shears
4. Wire Cutters
5. Small Hammer
6. Small Crescent Wrench
7. Large Flat head screw driver
8. Tape Measure
9. Two Large Channel Lock Wrenches
10. Mapp Gas or Heat Generator

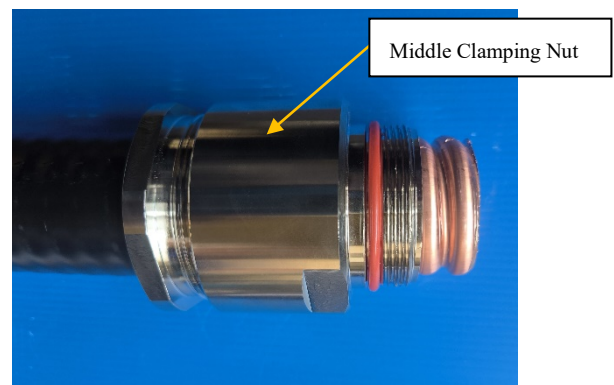


Step 1: Remove the outer jacket 1.2" inches.

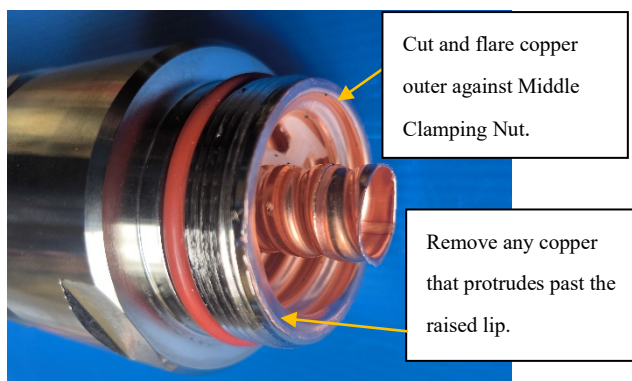
NOTE: Slide the heat-shrink over the coaxial line prior to installing the connector. Apply heat to the heat-shrink tube once the connector assembly has been completed.



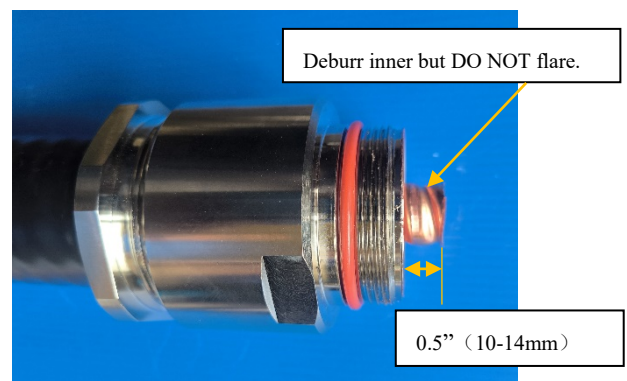
Step 2: Install Back Clamping Nut, Spacer and O-Ring onto coax as shown in photo. (Grease O-Ring prior to install).



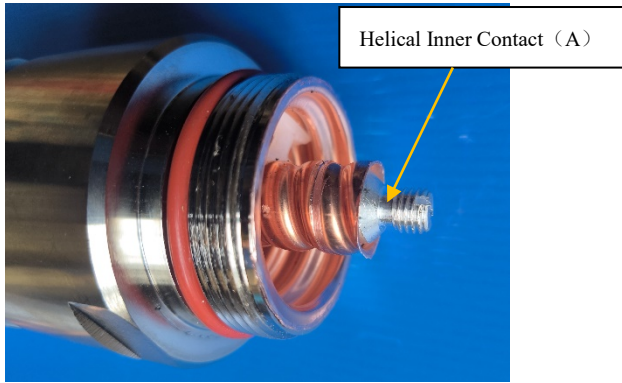
Step 3: Install Middle Clamping Nut by rotating clockwise. The Middle Clamping Nut will sit firmly against the outer jacket when installed correctly. Tighten using a large channel lock wrench.



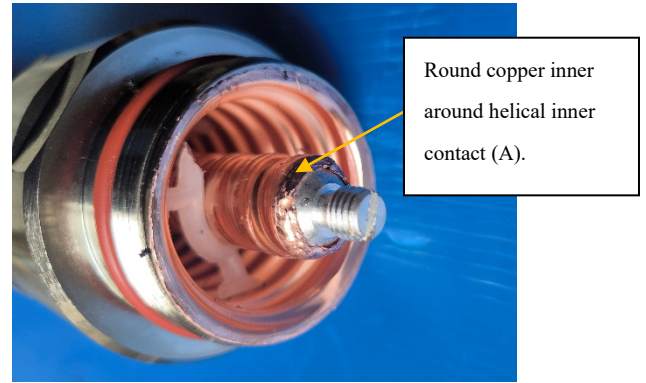
Step 4: Cut Copper outer, leaving 0.09" (2-3mm) for flaring. Using a hammer, flare copper outer against Middle Clamping Nut, cut any excess copper that protrudes over the raised lip of the Middle Clamping Nut.



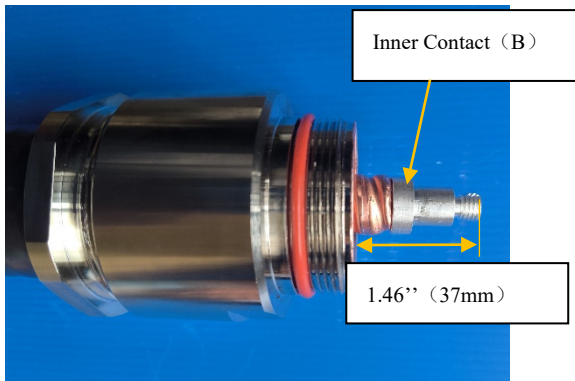
Step 5: Deburr copper inner but **DO NOT** flare. Length of inner will be 0.5" from flared outer to end of inner.



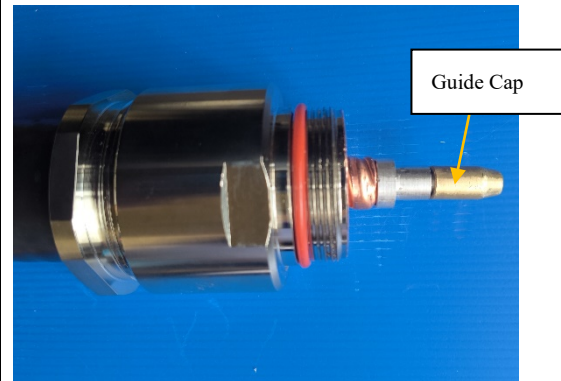
Step 6: Install helical inner contact (A) using a large flat head screwdriver to the position as shown above.



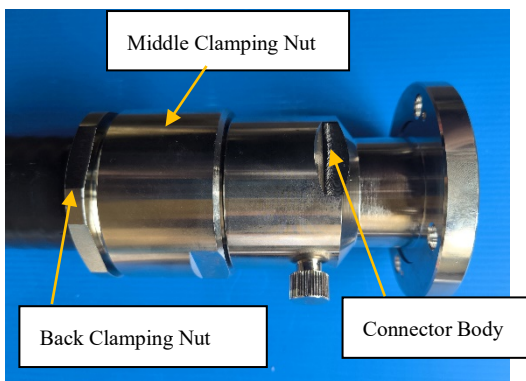
Step 7: Round copper inner around helical inner contact (A) as shown in photo by a small hammer.



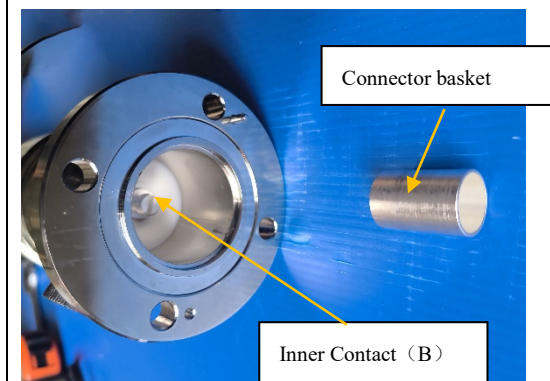
Step 8: Connect and tighten inner contact (B) to helical inner contact (A) with plier as shown in photo. Remaining inner with inner contact is 1.46'' (37mm) as shown above.



Step 9: Put guide cap onto inner contact (B) before fitting connector body. (Guide cap is only a small tool to protect O-ring inside connector body. Without a guide cap, installation needs to be more careful.)



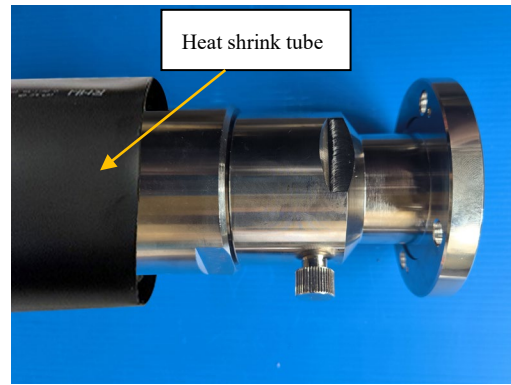
Step 10: Install the connector body by turning it clockwise and keep the middle clamping nut stationary. Remove guide cap. Fasten back clamping nut and keep middle clamping nut still.



Step 11: Install connector basket onto inner contact (B) by rotating it counterclockwise with special plier. Once connector has been assembled, ensure all parts are tight.



It is recommended to use special plier in **Step 11** to protect plating of connector basket during installation.



Step 12: Slide heat shrink over connector as shown. Using mapp gas or heat generator, apply heat to heat shrink. When heat shrink is installed correctly, adhesive will be visible on each end to the heat shrink. This will ensure proper weather proofing.