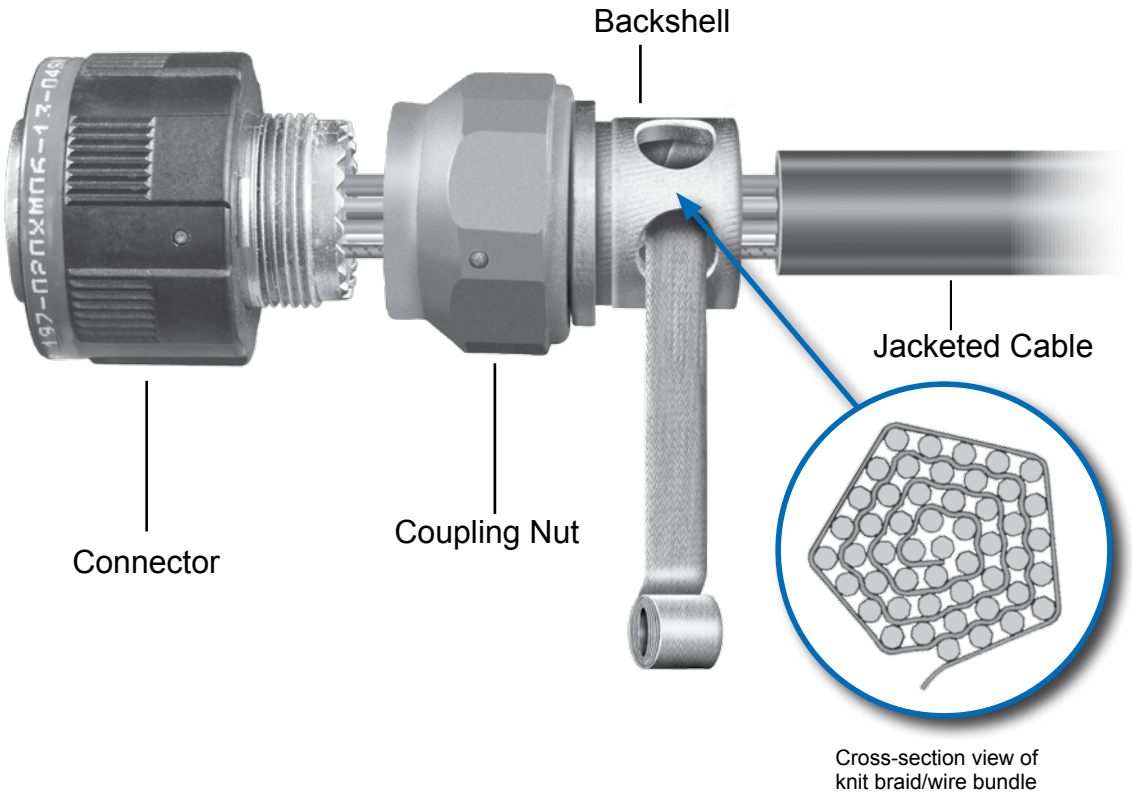
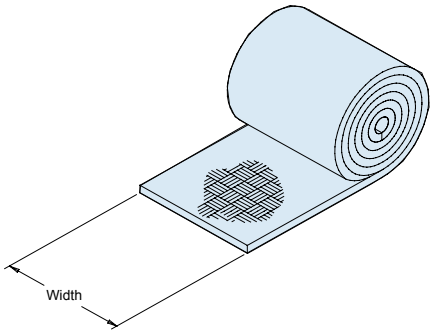
Knit Braid Backshell Assembly Instructions

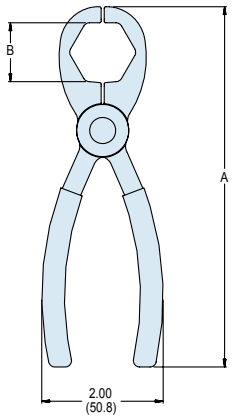


1. Temporarily assemble backshell to connector.
2. If cable is jacketed, insert cable into backshell and bottom against connector. Using the end of the backshell as a guide, mark the location of solder sleeves and/or pigtail breakouts on the cable.
3. Disassemble backshell from connector and stage it up the cable for installation after wire termination is complete.
4. Trim cable jacket at marked location from step 2 above and pull out pigtails and/or apply solder sleeves. Terminate contacts to wires in accordance with established practices.
5. Insert contacts into connector in accordance with established practices.
6. Pull braid forward and wrap the knit braid around individual wires in groups of two or three, ensuring that the knitmesh braid is in contact with all exposed braids (see cross-section illustration).
7. Pull the knit braid tightly around the wire bundle and pass through one of the holes in the backshell.
8. Screw the backshell partially onto the connector, ensuring that the interface teeth *do not* engage—allowing the backshell to rotate freely.

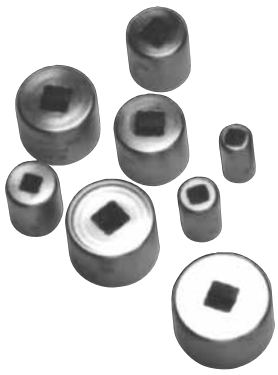
9. Rotate the backshell so that the knit braid is drawn into the backshell. Maintain firm pressure on the free knit braid during this step to provide tight coverage. Continue rotating until the knit braid is wound tightly into the backshell and further rotation becomes difficult.
10. Cut the braid flush with the backshell O.D. Rotate the backshell body 1/4 turn to ensure that the end of the braid is out of sight.
11. Tighten the backshell fully onto the connector using established procedures and torque values.



107-044
Nickel Plated Copper Knit Braid
(see product page for details)



600-157
Stainless Steel Composite
Hex Coupling Wrench



Plug and Receptacle
Holding Tools
for 1/4" and 3/8" Socket

600-161
Hand Held Digital
Torque Wrench

COMPOSITE COUPLING TORQUE VALUES	
Shell Size Reference	**Composite Torque (Inch-Pounds)**
08/09	35
10/11	35
12/13	40
14/15	40
16/17	40
18/19	40
20/21	80
22/23	80
24/25	80
28	120
32	120
36	120