

Category 6A Shielded KMJ Jack Installation Procedure

1. General

- 1.1 These instructions detail the recommended installation procedures for terminating OCC's Category 6A Shielded KMJ Jack - K6AS.

2. Contents

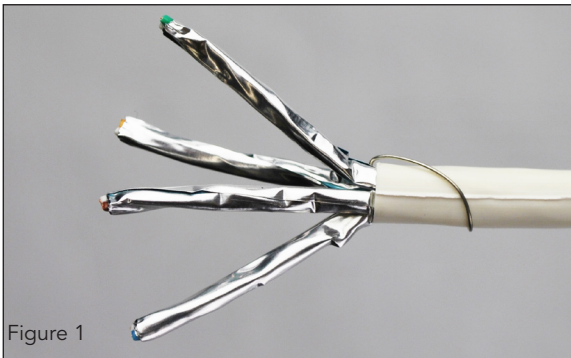
- 2.1 This package contains:
1 - Color coded wire manager
1 - Shielded jack housing

3. Tools Required

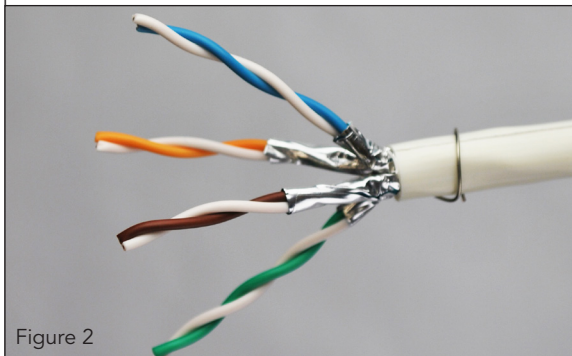
- 3.1 Tools recommended for this installation include:
1 - Wire stripper
1 - Diagonal cutter with flush cutting edge
1 - Needle nose pliers
1 - Toothless parallel jaw pliers

4. Instructions

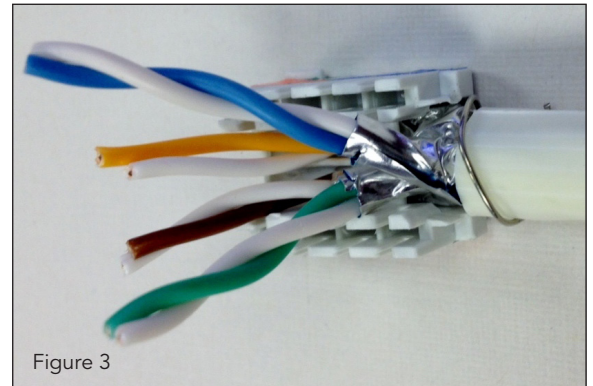
- 4.1 Strip 1" of jacket from cable (U/FTP cable shown) and wrap drain wire around cable. See Figure 1. **Note:** If using ScFTP cable, the braid should be folded back over the cable jacket.



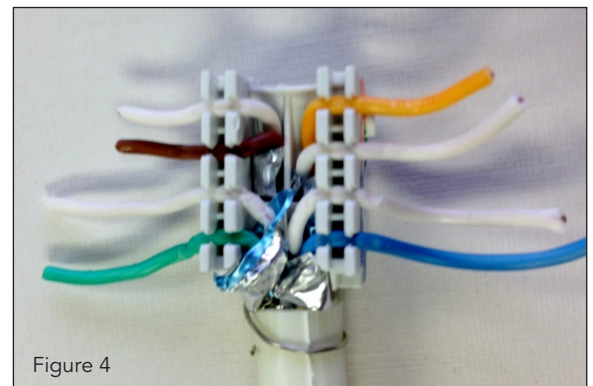
- 4.2 For 568B wiring, trim foil on orange and brown pairs to 1/2". Trim foil on blue and green pairs to 1/8". See Figure 2. **Note:** For 568A wiring, trim foil on the green and brown pairs to 1/2" and the blue and orange pairs to 1/8".



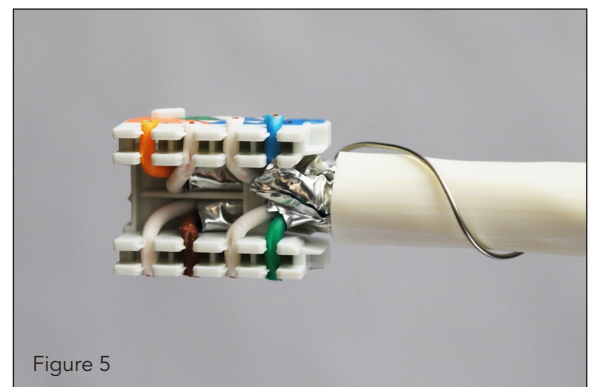
- 4.3 Orient wire pairs into correct position and according to the T568A/B color coded label on the wire manager. See Figure 3.



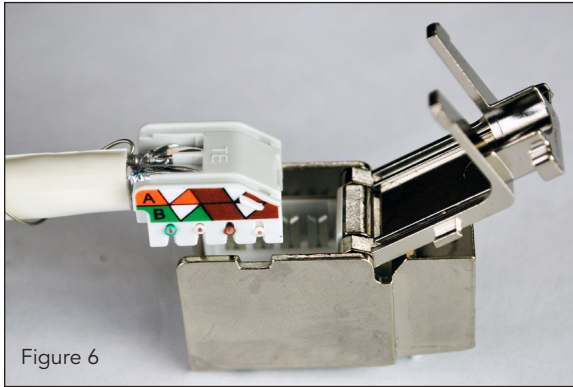
- 4.4 Insert conductors into color coded slots. The front two pairs will slide into the wire manager under the bottom two pairs. Trim excess wires using diagonal cutters with flush cutting edge. See Figure 4.



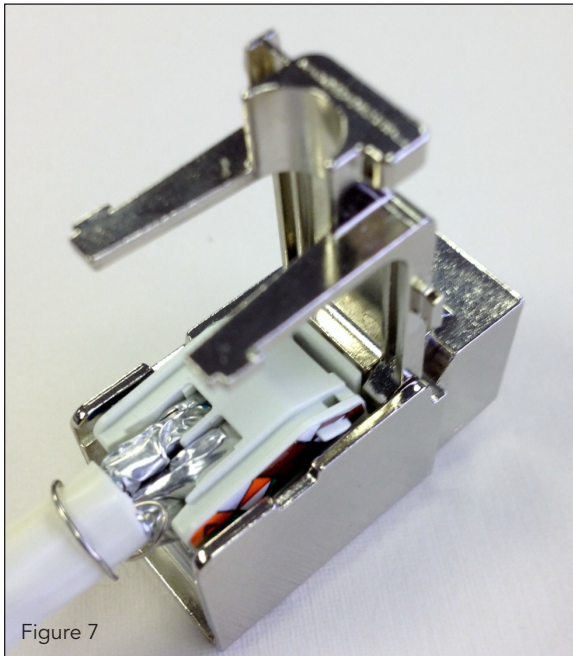
- 4.5 Conductors should be flush with sides of the wire manager. See Figure 5.



- 4.6 Install the wire manager onto the connector base by aligning slots with connector IDC contacts. See Figure 6.



- 4.7 Rotate the hinged cover onto connector base and squeeze with appropriate tool until the hinged cover tabs snaps securely in place. See Figure 7.



- 4.8 Ensure drain wire is inserted through slot in connector body and is making contact with the cable strain relief on hinged cover. Insert cable tie through slot and tighten around drain wire and cable. See Figure 8.

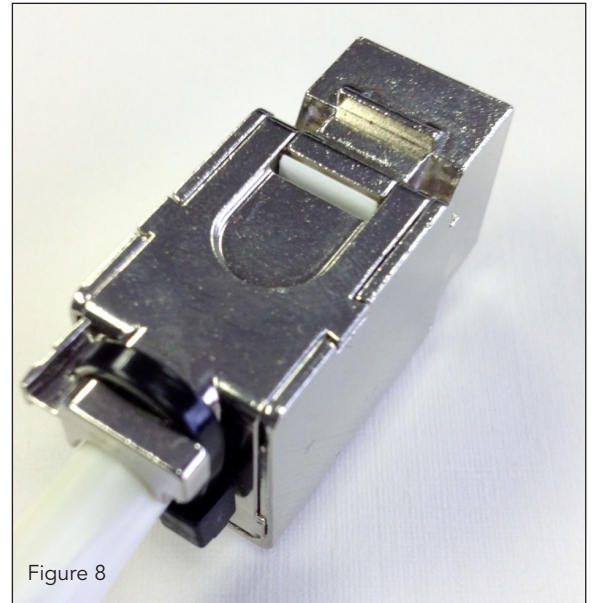


Figure 9: Completed Category 6A Shielded Jack

