

# Category 6<sub>A</sub> Screened Plug

## Instruction Sheet



Part Code: 100-134 (plug)

Part Code: 100-136 (Crimp Tool Frame & Die Set)

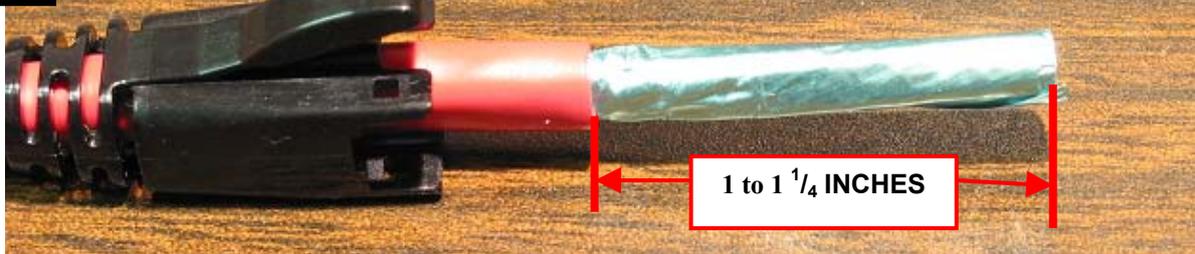
Plug Assembly Instructions For F/FTP & U/FTP Category 6<sub>A</sub> Cables  
T568B Wiring Pattern

1



Cut cable to length. If you are using a strain relief grommet, slide it over the cable. The larger ends should be facing outward, toward the plug end of the cable.

2

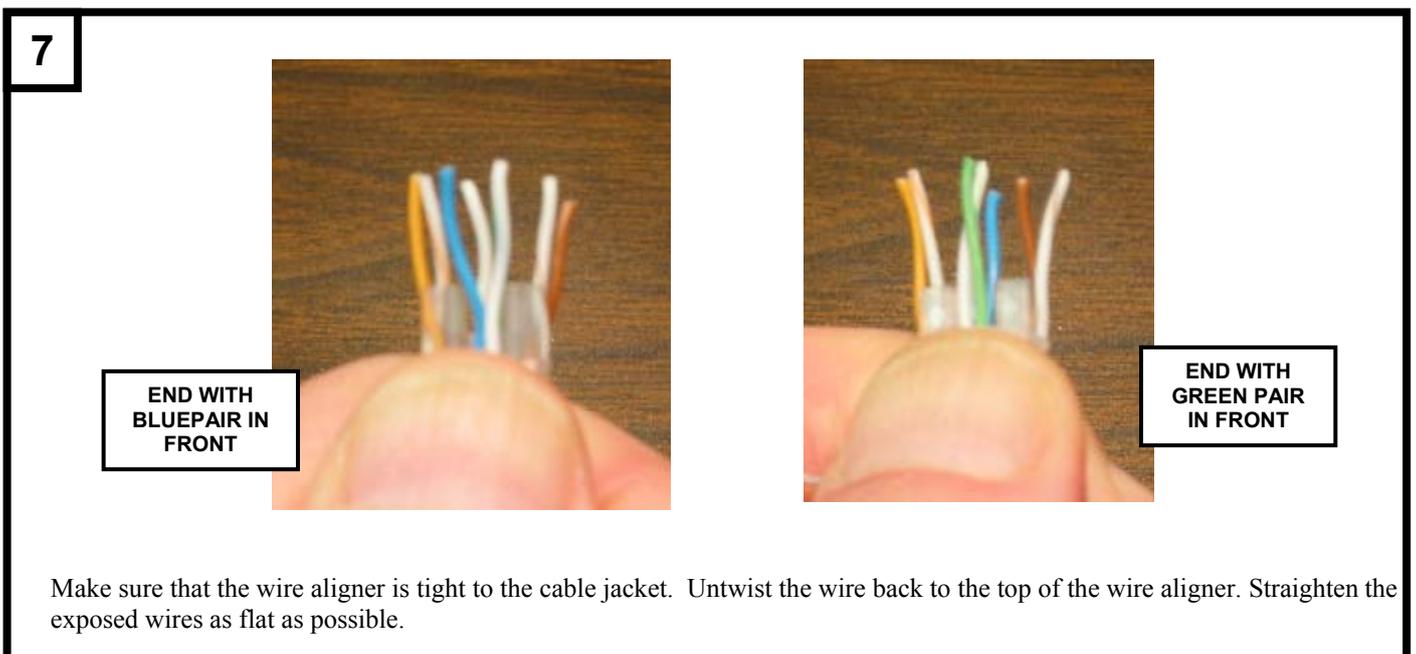
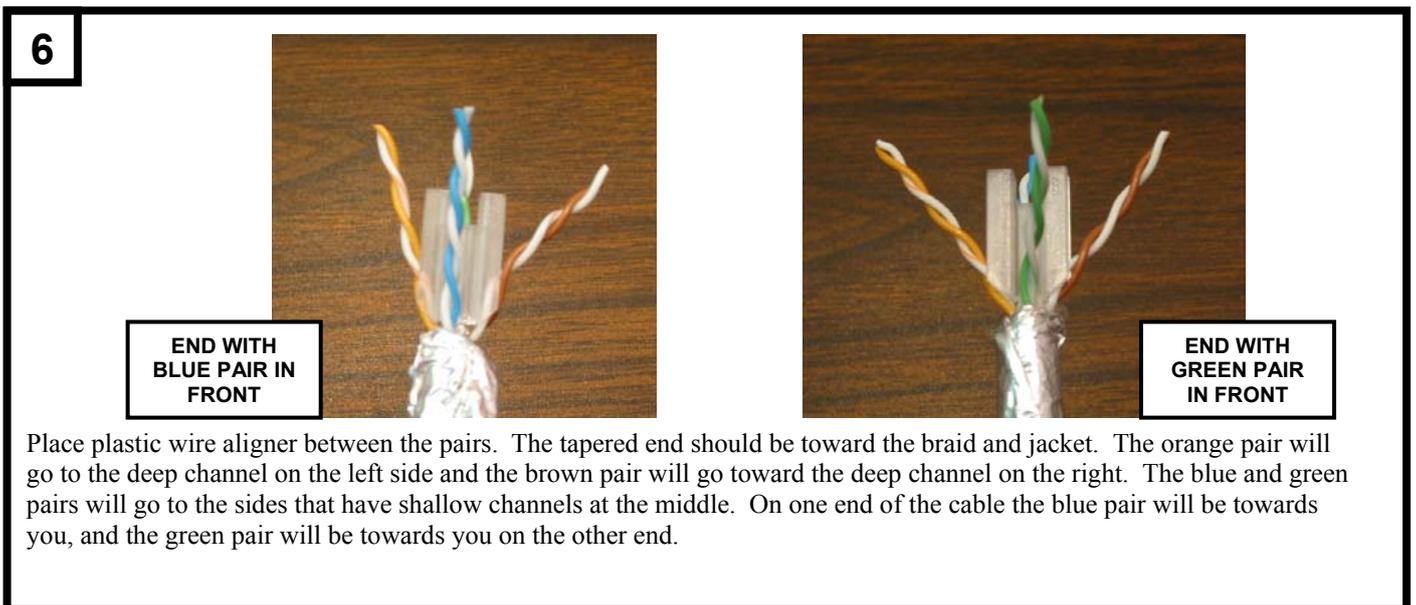
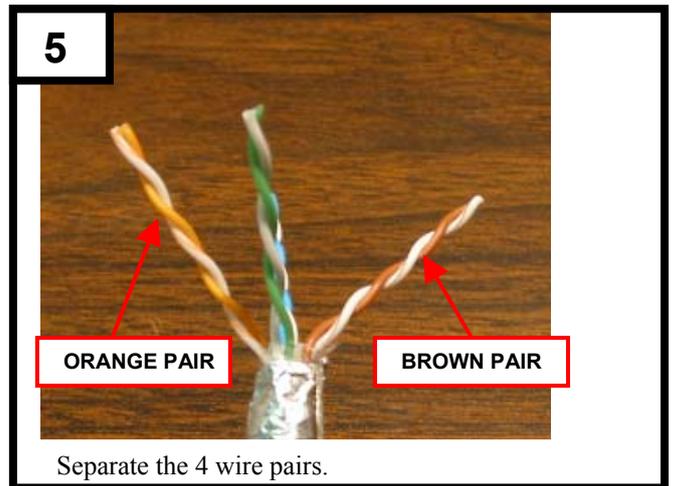
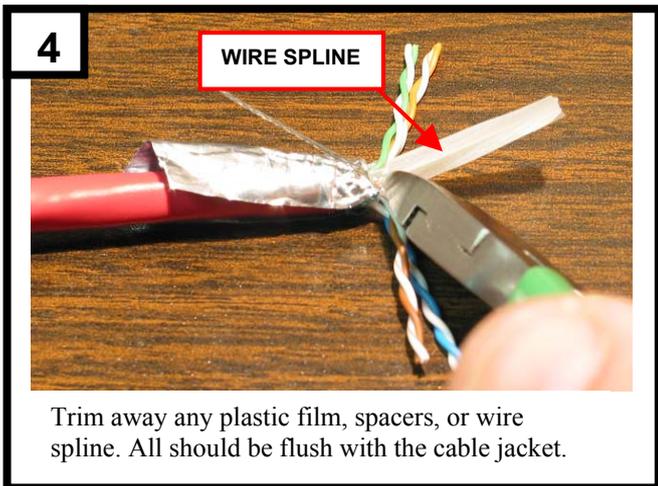


Cut and strip off 1 to 1<sup>1</sup>/<sub>4</sub> inches of the outer jacket. Be careful not to cut or nick the drain wire and foil shield.

3

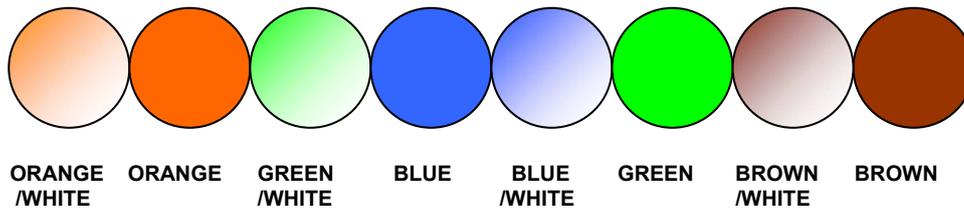


Fold the foil shield and drain wire back over the cable jacket.

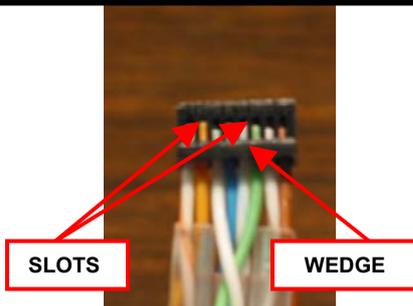


**8**

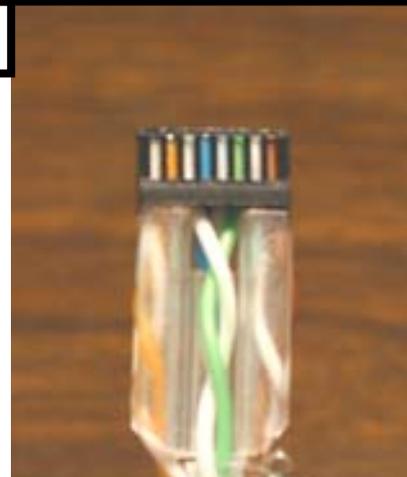
Arrange the wire colors so that they match the T568B color map. Keep the orange pair on left and the brown pair on right. Do not add or remove more than  $\frac{1}{2}$  of a twist to any pair to achieve this color pattern.



Color pattern above represents an example of the wiring colors used by one manufacturer. Wiring colors may vary by cable. Please verify the color pattern specific to your particular requirements.

**9**

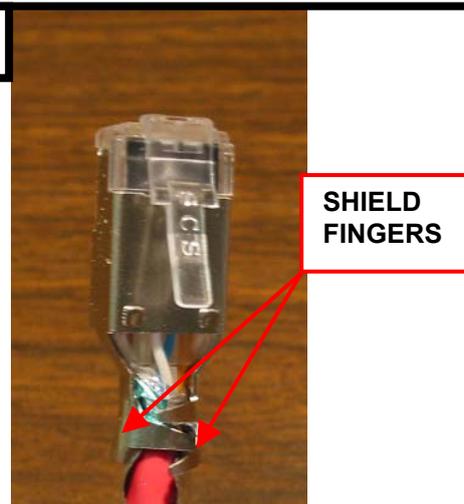
Trim the ends of the wires to make them even. This will make it easier to insert the wires into the load bar. Remove the least amount of wire necessary. Insert the ends of the wires into the wide end of the load bar, maintaining the wire color sequence. The side with the slots and the wedge shaped end should be facing towards you.

**10**

Bring the loadbar down, tight against the plastic wire aligner. Trim the wires flush to the loadbar.

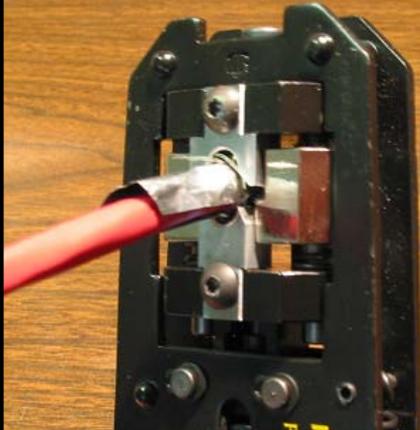
**11**

Wrap the drain wire around the foil near the wire aligner. Keep the orange pair to the left. Push the assembled wires, loadbar, and plastic wire aligner into the plug body subassembly. The plug latch tab should be facing away from you. Firmly push the plug until the wires come in contact with the front inside surface of the plug.

**12**

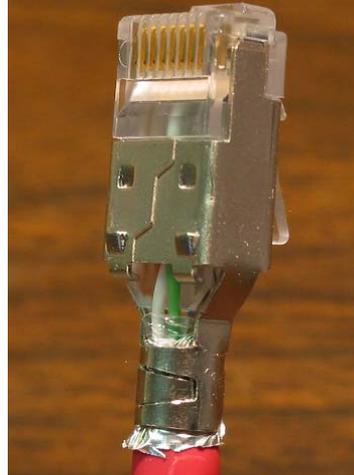
Bend the plug shield fingers inward toward the cable. Press the shield fingers as far as they will go. They should easily fit into the Shield Crimp portion of the crimping tool.

13



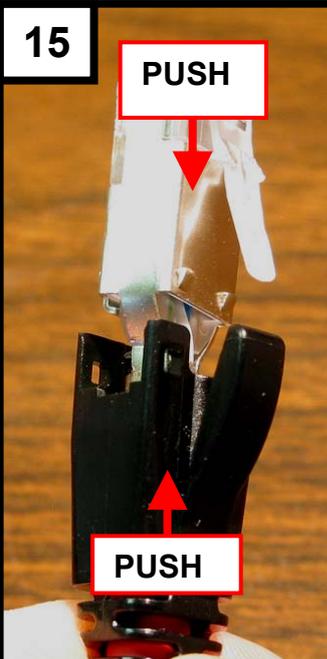
Insert the un-terminated plug into the crimp tool. Make sure that the plug is fully seated in the tool. Squeeze the handles of the crimp tool together until they are fully depressed, and will open when the handle is released.

14



Remove the terminated plug from the crimp tool and trim off any excess foil and drain wire.

15



If used, align the strain relief grommet and push it over the terminated plug body. Snap it in place.

Repeat the above procedure for the other end of the patch cord.

Test the completed cable assembly to ensure that it meets your performance requirements.