



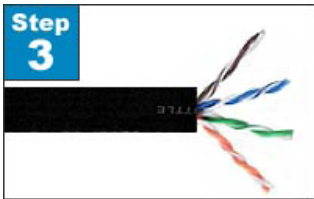
**How to assemble a Category 6 Flat Shielded Plug**



**Step 1.** Lay the end of your cable on a flat surface. Using an x-acto knife, very carefully score the jacket across the cable 1" from the end.



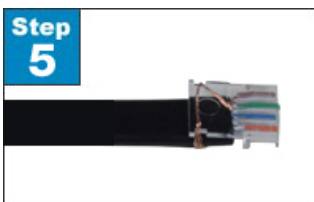
**Step 2.** Flex the cable where you scored it and use needle nose pliers to peel off the jacket. Use wire cutters to trim any excess that does not peel off.



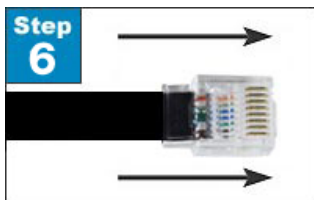
**Step 3.** Expose 1" of the insulated wire conductors. Do not remove any insulation from the conductors.



**Step 4.** Flatten and align the wires, placing the drain wire to the side. Make one straight cut across all the conductors, removing approximately 1/2". Insert wires into loading bar, leaving the remaining drain wire. Trim excess wires



**Step 5.** Twist the drain wire and wrap around the notch on each side of the load bar.



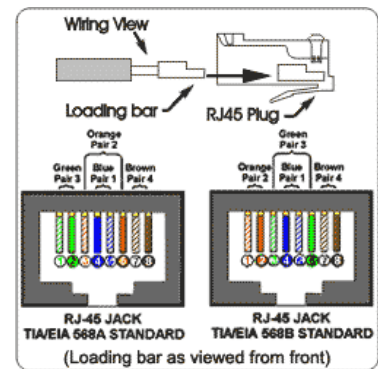
**Step 6.** Insert prepared cable into shielded plug.



**Step 7.** Insert the plug into a crimp tool aligned to the slotted jaw. Firmly squeeze the handles to set the contacts.

**Materials Required**

- CAT6 Flat Shielded Cable (CAT6-FLT-BULK-BLACK-SHLD)
- CAT6 Flat Shielded Plug (RJ45-PLG2-FLT-SHLD)
- Utility knife (e.g. X-Acto knife)
- RJ45 Super Flat Modular Crimp Tool (CRIMP-RJ45-SFV2)
- CAT5e/6 Cable Tester



**Wiring Diagram**

**Step 8.** Test the cable using a cable tester to check for shorts, opens or miswires.