

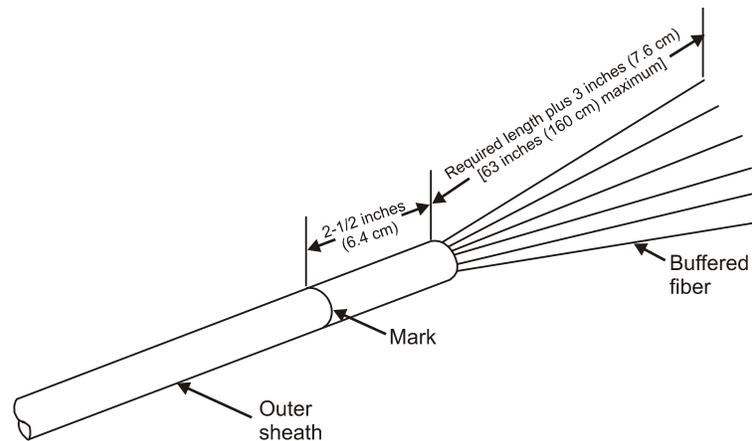
Introduction

The **ACCUMAX™** Cable Breakout Kit (D-182360) provides extra protection over buffered fibers at the termination point. This kit (106 238 553) contains short heat shrink tubing [4-inch (10.2 cm)], long heat shrink tubing [5-inch (12.7 cm)], 100 feet of clear polyvinyl chloride (PVC) tubing, and an instruction sheet. After the kit components are installed, connectors are mounted using a similar procedure to mounting a connector on jumper cordage.

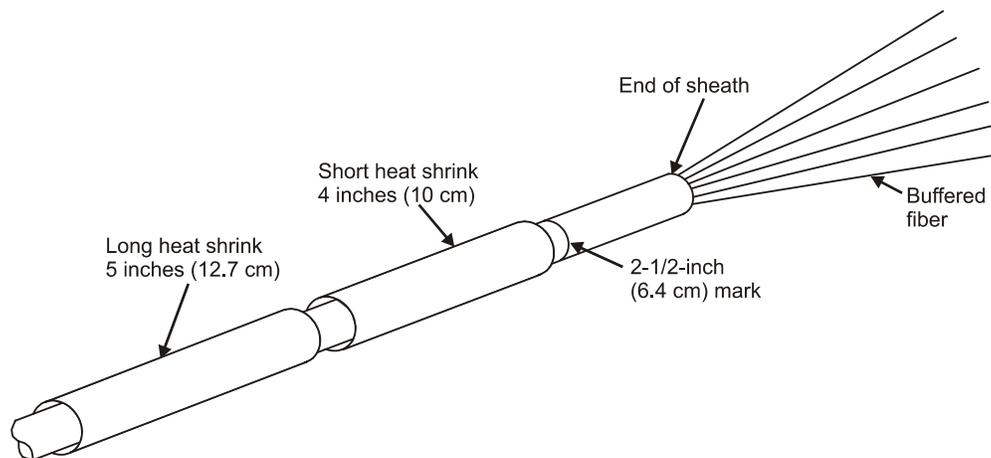
A heat gun is the only special equipment needed to install the components in this kit.

Install Cable Breakout Kit

1. Measure back from the end point of the cable the length of the longest individual fiber required [up to 60 inches (152 cm)] plus 3 inches (7.6 cm).
2. Remove the outer cable sheath for the measurement determined in Step 1.
Note: Do not cut the shorter fibers to length until this installation is complete.
3. Cut off the internal strength member flush with the outer sheath.
4. Make a mark 2-1/2 inches (6.4 cm) back from the new end of the outer sheath.

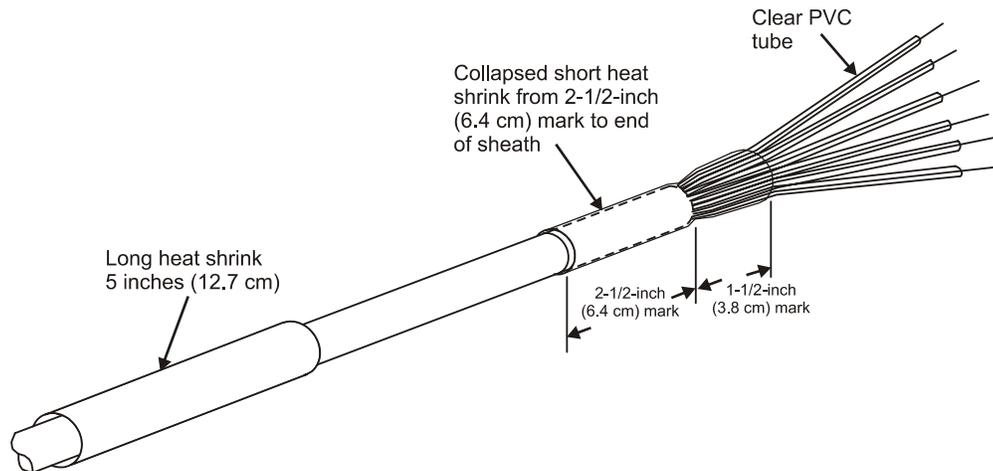


5. Slide the long [5-inch (12.7 cm)] heat shrink tubing over the buffered fibers and onto the sheath.
6. Slide the short [4-inch (10.2 cm)] heat shrink tubing over the buffered fibers and onto the sheath.



Instruction Sheet
640-252-044-08

7. Slide the short heat shrink to the 2-1/2-inch (6.4 cm) mark so that approximately 1-1/2 inches (3.8 cm) extends beyond the end of the sheath.
8. Using the heat gun, shrink the short heat shrink from the 2-1/2-inch (6.4 cm) mark to the end of the sheath.
Note: This will form a funnel extending 1-1/2 inches (3.8 cm) beyond the end of the sheath.
9. Cut the clear PVC tubing to the length needed for the individual buffered fibers.
10. Slide the tubing onto each buffered fiber and into the funnel end of the short heat shrink.
Note: This should leave 2 to 3 inches (5 to 8 cm) of buffered fiber beyond the end of the PVC tubing.
11. Make sure all the PVC tubes are inserted into the short heat shrink funnel.
Caution: In the following step, do not blow the hot air onto the PVC tubing. This will distort the PVC tubing.
12. Using the heat gun, shrink the short heat shrink funnel around the PVC tubes.
13. Allow the heat shrink to cool.



14. Center the long heat shrink tubing over the previously collapsed short heat shrink tubing.
15. Starting at the outer sheath, collapse the long heat shrink tubing. As the tubing collapses around the outer sheath, move toward the clear PVC tubes.
Note: You are now ready to mount the connectors onto the buffered fibers. Refer to the **ST[®]/SC Connectors Assembly Instructions** (640-252-044) for the **ST[®]** or SC connectors or the **Assembly Instructions for LC[™] Fiber Optic Behind-The-Wall (BTW) Connectors** (640-252-053) for the **LC[™]** connectors.

