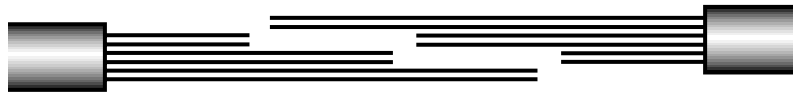

Cold-Shrink Splice Kit

Components of Splice Kit 50612515

- Cold-shrink insulator package (rubber tubes not used).
- Aquaseal mastic pad
- Rubber splicing tape
- Heat shrink tubing

Prepare Wires

1. Strip 3 inches of cable jacket. Note that the shield or drain wire must also be spliced. If the shield is braided, unbraid it and twist into a single conductor.
2. Cut conductors to different lengths to minimize the overall diameter of the wrapped splices. For example, cut two wires at 1 inch, two wires at 2 inch, and two wires left at 3 inches. See drawing below.
3. Strip 0.25 inch of insulation from each wire.



Splice Wires

1. Slide cold-shrink insulator onto cable.
2. Cut short lengths of heat shrink tubing to cover each splice and slide onto wires.
3. Solder wires using rosin-core solder. Use clamps or a soldering jig to make this easier. Be sure to solder drain wires, too.
4. Apply oxidation inhibitor to wires, if specified.
5. Slide heat shrink over soldered wires and apply heat.
6. Wrap mastic pad around splices. Keep the diameter of the wrap as small as possible.
7. Wrap rubber tape over spliced areas from cable jacket to cable jacket. Wrap well, but keep diameter of wrapped area as small as possible: less than 0.7 inch.

Release Cold-Shrink Insulator

1. Coat wrapped area with grease.
2. Center cold-shrink insulator over wrapped area.
3. Hold cold shrink insulator in position. Pull on the release tab to unwind the supporting core of the insulator. This allows the insulator to collapse onto the spliced area. You must pull and unwind (counter clockwise) at the same time. For additional information, consult instructions packed with cold-shrink insulator.
4. The cold shrink insulator collapses onto the spliced area to complete the splice.