

# Safe-t-WIRE Cable Repair Procedure



1. Ring the cable outer insulation with a box cutter. Not too much pressure, or you may damage the screen.
2. Take long nose pliers and a Bic Flic lighter. Grab the end of the cable with the pliers and pull the insulation off while applying a flame from the lighter to the ringed part of the insulation until the insulation comes free.
3. Part the screen close to the ringed insulation and pull the inner core through the screen. Use a needle or dental pick to do this.
4. Now strip the inner core as in 2, above but DO NOT ring this core, just use the lighter keeping gentle pressure on the pliers until the insulation comes free.
5. To join the cables use un-insulated Boot Lace Ferrules of 1.5mm<sup>2</sup> or 2.5mm<sup>2</sup> sizes. These ferrules look like a small silver crimp link with a bell mouth at one end. (Commonly used with wires going into rail connectors) We find these are the best things as there is not much else to use, which is lightweight.
6. Use normal type thin wall heat shrinks for insulation. No need to use epoxy type heat shrink.

If you cannot do a butt joint without needing more cable just use any 240-volt insulated cable to bridge the gap, which then means you need to do two joints.