



# CAST Wire Repair Splice Kit

For the Repair of Landscape Lighting, Irrigation, Speaker and Other Control Wires

Model # **CLWSK**

**Order # Description Quantity**

**- Waterproof for Direct Burial -**

XCEWEPS300316 3/16" x 2" Heat Shrink Tubing\* 100



XCEWEPS30038 3/8" x 2" Heat Shrink Tubing\* 150



XCEWM14BCK Non-Insulated Seamless 16-14 Butt Crimp 100



XCEWM10BCK Non-Insulated Seamless 12-10 Butt Crimp 150



XCEW92S Non-Insulated 16-14 Parallel Crimp 25



CCRIMPCUT Channellock™ 909 Crimping/Cutting Tool 1



\*Heat Shrink Tubing contains internal sealant (3M EPS 300), rated for 120°C

## CAST Wire Repair Splice Kit

*A complete field kit for making waterproof wire connections – designed specifically for the low voltage electrical installer.*

### INSTRUCTIONS:

**To connect two pieces of field wire** (note: each leg of the paired wire requires separate connections):

- Using a damp cloth, wipe clean wire insulation 2" from cut ends. Dry completely with dry cloth.
- Carefully strip insulation to expose bare wire on both ends.
  - For #12/2 and #10/2, expose 3/8" bare wire
  - For #16/2, expose 1/4" bare wire
- Slip Heat Shrink Tubing over insulation on one of the wires.
  - For #12/2 and #10/2, use 3/8" tubing
  - For #16/2, use 3/16" tubing
- Insert bare wire from both pieces into both ends of butt connector and crimp each side firmly using supplied crimping tool.
  - For #12/2 and #10/2, use 12-10 butt connector
  - For #16/2, use 16-14 butt connector
- Slip tubing over connector, apply heat evenly over the surface of the tubing using a heat gun or flame\*. Continue to apply heat until the tubing shrinks tightly over the insulation and connector.

### To connect socket wire to lead wire

- Carefully strip insulation to expose 1/4" bare wire on both ends.
- Place both stripped wires side by side and insert them into the 16-14 Parallel Crimp Connector. Crimp firmly using crimping tool.
- Cut a 3/4" piece of 3/16" heat shrink tubing and slip over connector. Using a heat gun or flame\*, apply heat evenly over the tubing until the tubing shrinks tightly over the insulation and connector.

\*For best results use electric heat gun – not open flame

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