

BRISK-TC

Splice Kit &
General Field Repair
Instructions

**Series Resistance
Twin Conductor/
Thin Cable Splice Kit**

KIT CONTENTS

- 1x 6" outer heat shrinkable tubing
- 2x 1" inner heat shrinkable tubing
- 1x 3" optional heat shrinkable tubing
- 2x 3/8" metal crimps
- 1x 5/8" metal crimps

For BRI-TECH™ and TECH-MAT™ Thin Heating Cable Systems

These splice kit instructions refer only to the following thin heating cable systems from Britech: BRI-THIN™ and TECH-MAT™. Please refer to your specific heating cable product manual for complete cable installation instructions and operational requirements.

Additional Splice Kits Available:

- BRISK-1:** For use with Britech TXLP/1 single conductor custom cables.
- BRISK-2:** For use with TXLP/2, SNOW-MAT™ and SNOW-MELT™ cables.

TOOLS REQUIRED

- Side Cutters to trim area to be spliced
- Co-Ax Wire Stripper & Wire Stripper (14-08)
- Hand Crimping Tool
- Heat Gun for shrink tubing
- Megger to test insulation after the splice
- Volt-Ohm Meter to check resistance

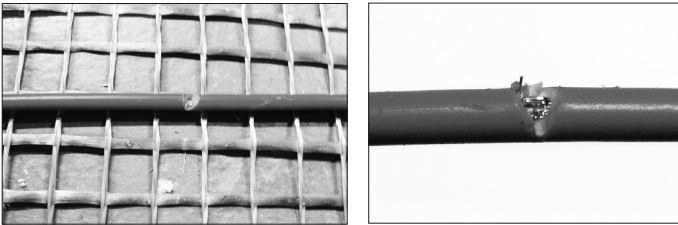
Use this Kit Only with BRI-THIN™ and TECH-MAT™ Heating Cable Systems

For product selection or technical assistance contact Britech at 877-335-7790

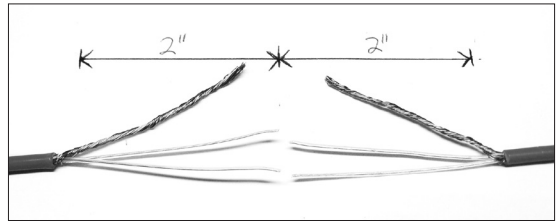


WARNING: Burning or charring of the heat-shrink tubing included in this kit will produce fumes that may cause eye, skin, nose or throat irritation. Use heat gun carefully when applying heat-shrink tubing.

1 Cut heating cable at point of nick or cut. Slide 6" shrink tubing to either end of heating cable.



2 Remove 2" of outer jacket at both ends of the heating cable. Cut one of the conductors to 1" length on each side. Strip 3/8" of translucent insulation and expose centre conductors.



3 Slide 1" shrink tubing over the longer conductors, then install 3/8" crimp connectors.



4 Centre 1" shrink tubing over each crimp. Shrink completely. Install 5/8" crimp connector on ground wires. **Note:** Insulation over ground crimp is optional.



5 Centre 6" shrink tubing over exposed heating conductors. Shrink completely. Stop heating when excess sealant protrudes from both ends.



6 Allow the finished splice to cool down for 5-10 minutes. Measure insulation, total resistance and continuity.

