



Cold Shrink Branch Splice QS-2001B



The 3M™ Cold Shrink Branch Splice QS-2001B lets you easily splice and tap extruded dielectric power cables rated up to 15kV. This silicone rubber splice provides economical, effective installations without pushing, pulling or heat (torch) of traditional splices.

Since 3M invented it more than 30 years ago, Cold Shrink technology has been proven reliable by field use and laboratory testing. It offers interfacial pressure superior to that of push-on and heat shrink splices.

The 3M™ Cold Shrink Branch Splice QS-2001B uses a unique shear-bolt connector, eliminating the need for expensive crimping tools and dies. It allows for connections from 2 AWG through 500 kcmil. The QS-2001B splice can be used in direct buried, network or cable tray applications.

The QS-2001B base kit will splice 350-500 kcmil mains and 350-500 kcmil taps. A special adapter kit, the QS-2000BA, extends the range to cover 2 AWG to 250 kcmil.

The QS-2001B splice meets the requirements of IEEE-404 Standard and each splice is individually factory tested per the IEEE-404 Standard.

Cold Shrink Benefits

- No heat, flames or special installation tools required
- Minimal training required
- Easy, fast and safe installation
- Symmetrical cable cutback dimensions
- Allows transitioning of different size cables
- Superior interfacial (radial) pressure

3M Branch Splice QS-2001B Features

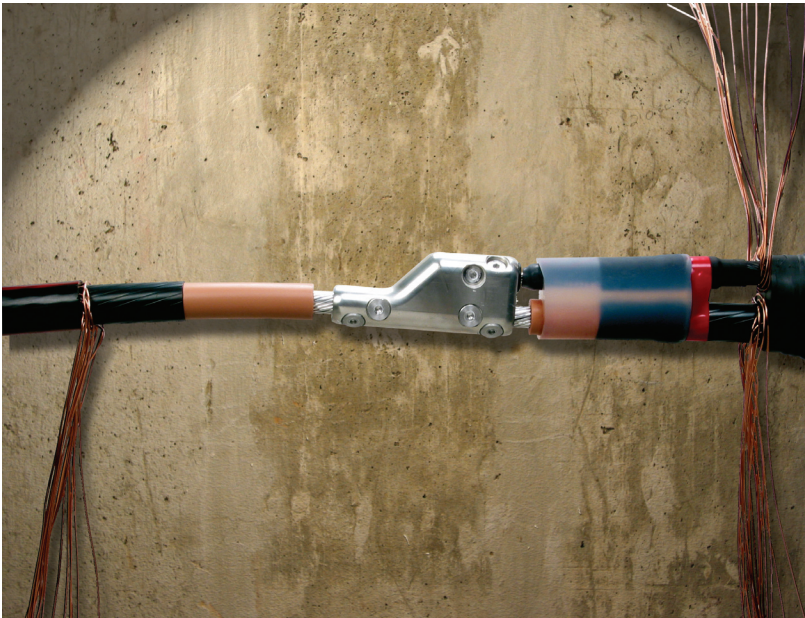
- One-piece splice body
- Silicone material provides superior electrical performance over wide operating temperatures
- QS-2000 field proven technology
- Versatile design allows for easy size transitions from 2 AWG to 500 kcmil
- Shear-bolt connector eliminates the need for expensive crimping tools and dies
- 100% factory tested per IEEE-404


3M™ Branch Splice QS-2001B - Voltage Class 15kV

Kit number	Cable Insulation Inches (mm)	Conductor Size Range
QS-2001B	1.00" to 1.35" (25,4 mm to 34,3 mm)	350-500 kcmil (185 – 240 mm²)
QS-2000BA*	.64" to 1.00" (16,3 mm to 25,4 mm)	2 AWG – 250 kcmil (35 – 150 mm²)

* - For 2 AWG through 250 kcmil cable, the QS-2000BA adapter kit must be ordered and used in conjunction with the 3M™ Splice Kit QS-2001B, building up the cable insulation outside diameter so that the splice body will fit the cable. For further technical details, see the data sheet.

The 3M™ Splice Kit QS-2001B is packaged one kit per carton, with sufficient components to make one branch splice.



 **Caution:** Working around energized high-voltage systems may cause serious injury or death. Installation should be performed by personnel familiar with good safety practice in handling high-voltage electrical equipment. De-energize and ground all electrical systems before installing product.

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Electrical Markets Division

6801 River Place Blvd.
Austin, TX 78726-9000
800 245 3573
FAX 800 245 0329
<http://www.3M.com/electrical>

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