

## Low Voltage - Branch Joints

### 3M™ 91 Joints for Unarmoured Cables - 1kV

Branch joint for XLPE/PVC insulated unarmoured cables up to 1 kV

#### Safer Cable Jointing;

- Unique 3M Advanced Resin Delivery System – totally enclosed mixing and pouring
- No spillage
- No accidental contact whatever your working conditions
- Conforms to BS7888 (HD623)

#### Faster and Easier;

- Easy to use delivery system that gives you complete control
- No special tools required
- Short Curing time
- Simple step-by-step instructions

#### More Reliable;

- Tough polyetherurethane resin power jointing resin – at least equal to the strength of the cable
  - Transparent resin bag – ensures reliable mixing and installation
  - Minimal risk of leakage
  - Complete with Armour continuity – constant force springs
  - Self-amalgamating tape provides high insulation value
- Kit Includes two-part mould, polyetherurethane Resin No. 1471 (Closed Mix and pour system), and full instructions.

This kit can be used with Armoured Cables, by ordering separate Armour Continuity Kits.

| MAIN CABLE OD<br>(mm) | SERVICE BRANCH OD<br>(mm) | KIT REF       |
|-----------------------|---------------------------|---------------|
| 14 - 30               | 8 - 24                    | <b>91-C11</b> |
| 30 - 58               | 17 - 42                   | <b>91-B16</b> |

### 3M™ 90-B1 Cathodic Protection with Armour Continuity up to 1kV

3M's 90-B1 Kit is ideal for single core unarmoured tee or branch jointing rated up to 1kV, above or below ground, e.g. traffic signal systems, cathodic protection and street lighting.

Each kit contains a clear two-part mould, epoxy Resin No.4, funnel, end-sealing tape and step by step instructions. The large mould body enables crimps or split-bolt connectors to be used.

|       | RESIN VOLUME<br>cc | ACCEPTED CABLE DIAMETER mm |     |        |     |
|-------|--------------------|----------------------------|-----|--------|-----|
|       |                    | MAIN                       |     | BRANCH |     |
|       |                    | MAX                        | MIN | MAX    | MIN |
| 90-B1 | 187                | 20                         | 12  | 9.5    | 8   |



CABLE JOINTS, CABLE TERMINATIONS, CABLE GLANDS, CABLE CLEATS  
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