

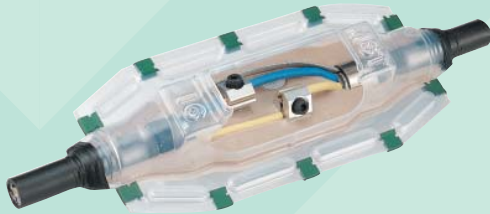
JEM Resin Joints

Low Voltage Universal Cable Jointing Kits (Straight)

Application

- > For copper and aluminium conductors, including hazard free easy flow JEM resin and simple to use mechanical connectors.

Characteristics



- > Prysmian's cast resin Universal Straight (JSTCC) cable joints are the ideal method for joining today's polymeric industrial cables.

- > The Low Voltage Cable Jointing Kits are designed around transparent vacuum moulded shells which offer the installer greater working dimensions, plus a specially designed flange sealing system.

- > Two part easy flow JEM Resin is provided as standard, suitably packed in a clear laminate sachets offering a completely enclosed and visible resin mixing system.

Joint Features & Benefits

- > Suitable for both copper and aluminium conductors
- > Large, transparent, high impact resistant shells
- > Large internal working space
- > Simple precision flange sealing system
- > Mechanical connectors requiring no special tooling.
- > Armour bonds included
- > Tested and approved to BS EN 50393 & ENA ER C81

JEM Resin Features & Benefits



Technical

- > Easier mixing in "Twin Pack" totally enclosed mixing in a clear laminate sachet.
- > Extremely low mix viscosity allows void free joint filling
- > JEM Resin is insensitive to moisture and will cure under water.
- > Enhanced adhesion to XLPE, MDPE, PVC & lead.

Health & Safety

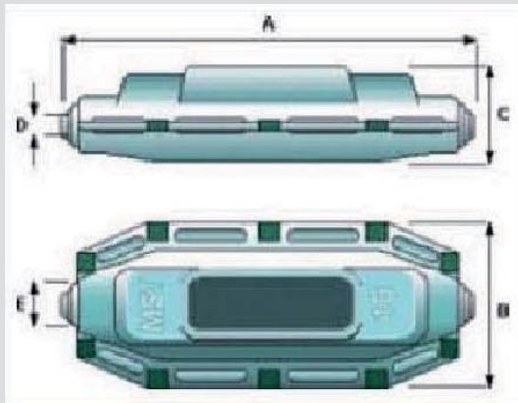
- > High flash point, non-flammable liquid - No special storage or transport requirements.
- > Not classified as irritating to the skin or eyes.
- > Does not cause skin sensitization.
- > Under EU regulations, no hazard labeling is required.

Low Voltage Universal Cable Jointing Kits

Selection Information

- > Selection information for Low Voltage Straight and Branch Joint on 600/1000 Volt Polymeric insulation, aluminum or copper conductors, SWA cables to BS5467, BS6346 and IEC 502.

"JSTCC" Straight Through Joints for Armoured cables



Shell Dimensions

| Joint Ref. | Dimensions (mm) | | | | |
|------------|-----------------|-----|-----|----------------------|---------------------|
| | A | B | C | Min. Box entry Ø 'D' | Max.Box entry Ø 'E' |
| JSTCC6 | 240 | 115 | 75 | 12 | 22 |
| JSTCC16 | 310 | 125 | 85 | 20 | 35 |
| JSTCC35 | 390 | 130 | 100 | 24 | 40 |
| JSTCC95 | 620 | 160 | 130 | 27 | 51 |
| JSTCC185 | 795 | 230 | 205 | 40 | 65 |
| JSTCC300 | 950 | 240 | 210 | 55 | 80 |

Joint selection for 2, 3 and 4 core cables

Straight Joints

| Nominal Area of Conductor | Two Core Ref. | Three Core Ref. | Four Core Ref. |
|---------------------------|---------------|-----------------|----------------|
| 1.5mm ² | JST6CC | JST6CC | JST6CC |
| 2.5mm ² | JST6CC | JST6CC | JST6CC |
| 4mm ² | JST6CC | JST6CC | JST6CC |
| 6mm ² | JST6CC | JST6CC | JST6CC |
| 10mm ² | JST6CC | JST16CC | JST16CC |
| 16mm ² | JST16CC | JST16CC | JST16CC |
| 25mm ² | JST16CC | JST16CC | JST35CC |
| 35mm ² | JST35CC | JST35CC | JST35CC |

| Nominal Area of Conductor | Two Core Ref. | Three Core Ref. | Four Core Ref. |
|---------------------------|---------------|-----------------|----------------|
| 50mm ² | JST95CC | JST95CC | JST95CC |
| 70mm ² | JST95CC | JST95CC | JST95CC |
| 95mm ² | JST95CC | JST95CC | JST95CC |
| 120mm ² | JST185CC | JST185CC | JST185CC |
| 150mm ² | JST185CC | JST185CC | JST185CC |
| 185mm ² | JST185CC | JST185CC | JST185CC |
| 240mm ² | JST300CC | JST300CC | JST300CC |
| 300mm ² | JST300CC | JST300CC | JST300CC |



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