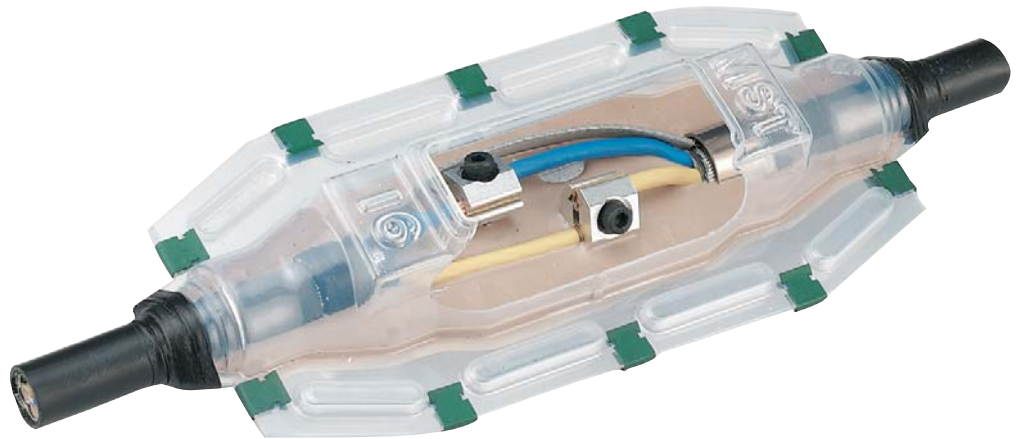


JST

Low Voltage Universal Cable Joint Kits

(Excludes Connectors)



BI CAST JEM

Application

Straight joints for LV cables with copper & aluminium conductors from 1.5mm² to 400mm²

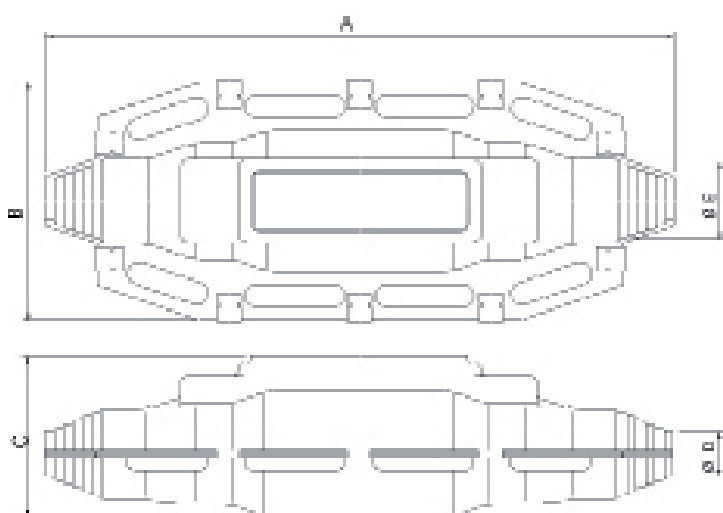
Features

- Low Hazard Isocyanate free JEM resin
 - Twin Pack mixing in clear laminate sachets
 - Extremely low viscosity combined with enhanced adhesion
- Transparent vacuum formed shells which offer greater working dimensions & interlocking flange seals.
- Can be used with either Compression or Mechanical connectors

JST Low Voltage Universal Cable Joints

Technical Data

- > Low Voltage Straight Joints for 600/1000 Volt SWA cables to BS5467, BS6346 and IEC 502 - with Polymeric Insulation, aluminium or copper conductors.
- > Tested and approved to BS EN 50393 & ENA ER C81
- > Includes constant force spring Armour Bonds.
- > JEM Resin
 - 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.
 - 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.



| Joint Ref. | Shell Dimensions | | | | |
|------------|------------------|-----|-----|----------------------|----------------------|
| | A | B | C | Min. Box entry 'D' Ø | Max. Box entry 'E' Ø |
| JST6 | 240 | 115 | 75 | 12 | 22 |
| JST16 | 310 | 125 | 85 | 20 | 35 |
| JST35 | 390 | 130 | 100 | 24 | 40 |
| JST95 | 620 | 160 | 130 | 27 | 51 |
| JST185 | 795 | 230 | 205 | 40 | 65 |
| JST300 | 950 | 240 | 210 | 55 | 80 |
| JST400 | 1100 | 275 | 260 | 56 | 92 |

Joint selection for 2, 3 and 4 core cables

| Nominal Area of Conductor | Two Core Ref. | Three Core Ref. | Four Core Ref. |
|---------------------------|---------------|-----------------|----------------|
| 1.5mm ² | JST6 | JST6 | JST6 |
| 2.5mm ² | JST6 | JST6 | JST6 |
| 4mm ² | JST6 | JST6 | JST6 |
| 6mm ² | JST6 | JST6 | JST6 |
| 10mm ² | JST6 | JST16 | JST16 |
| 16mm ² | JST16 | JST16 | JST16 |
| 25mm ² | JST16 | JST16 | JST35 |
| 35mm ² | JST35 | JST35 | JST35 |

| Nominal Area of Conductor | Two Core Ref. | Three Core Ref. | Four Core Ref. |
|---------------------------|---------------|-----------------|----------------|
| 50mm ² | JST95 | JST95 | JST95 |
| 70mm ² | JST95 | JST95 | JST95 |
| 95mm ² | JST95 | JST95 | JST95 |
| 120mm ² | JST185 | JST185 | JST185 |
| 150mm ² | JST185 | JST185 | JST185 |
| 185mm ² | JST185 | JST185 | JST185 |
| 240mm ² | JST300 | JST300 | JST300 |
| 300mm ² | JST300 | JST300 | JST300 |
| 400mm ² | JST400 | JST400 | JST400 |

Note: JST joints are provided without connectors, compression or mechanical connectors can be provided separately