

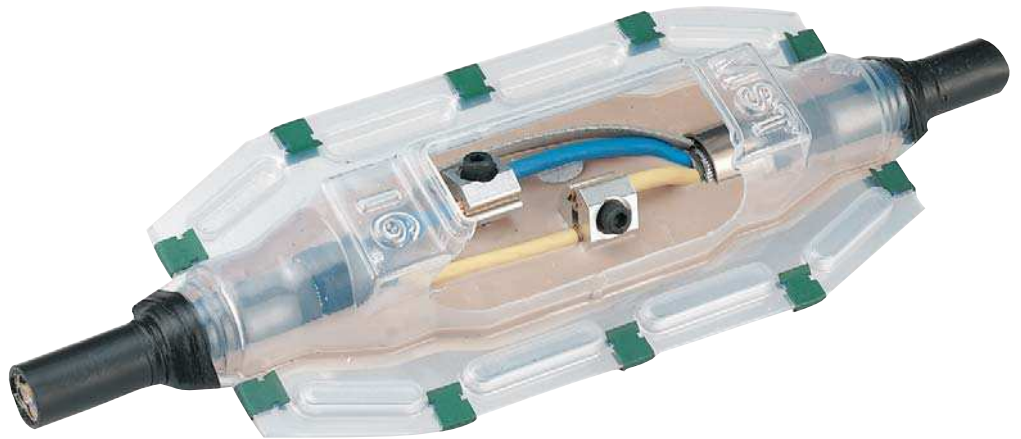
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# JST

## Low Voltage Universal Cable Joint Kits

(Excludes Connectors)



## BI CAST JEM

### Application

Straight joints for LV cables with copper & aluminium conductors from 1.5mm<sup>2</sup> to 400mm<sup>2</sup>

### Features

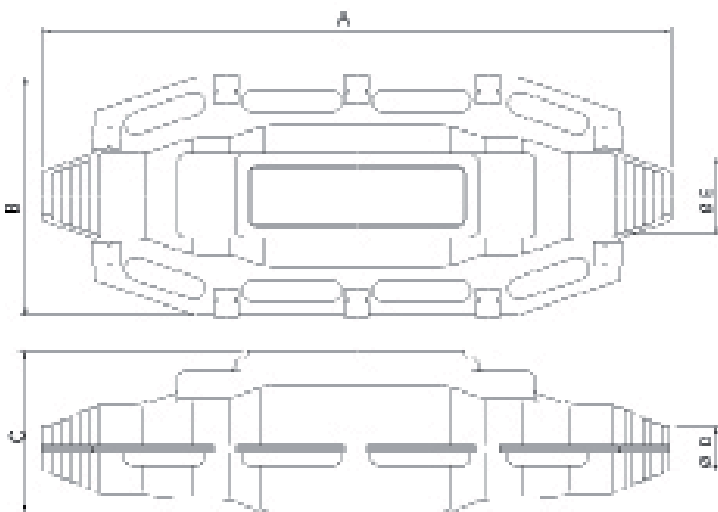
- Low Hazard Isocyanate free JEM resin
  - Twin Pack mixing in clear laminate sachets
  - Extremely low viscosity combined with enhanced adhesion
- Transparent vacuum formed shells which offer greater working dimensions & interlocking flange seals.
- Can be used with either Compression or Mechanical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



Shell Dimensions

Joint Ref.	Dimensions (mm)				
	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 <sup>2</sup>	JST6	JST6	JST6
2.5mm <sup>2</sup>	JST6	JST6	JST6
4mm <sup>2</sup>	JST6	JST6	JST6
6mm <sup>2</sup>	JST6	JST6	JST6
10mm <sup>2</sup>	JST6	JST16	JST16
16mm <sup>2</sup>	JST16	JST16	JST16
25mm <sup>2</sup>	JST16	JST16	JST35
35mm <sup>2</sup>	JST35	JST35	JST35

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

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