

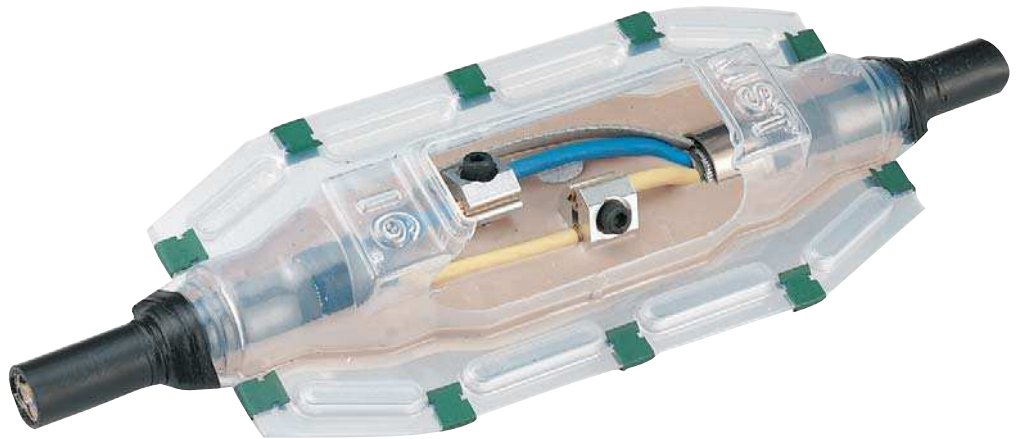
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JSTCC

Low Voltage Universal Cable Joint Kits

(Mechanical Connectors Included)



BI CAST JEM

Application

Straight joints for LV cables with copper & aluminium conductors from 1.5mm² to 300mm²

Features

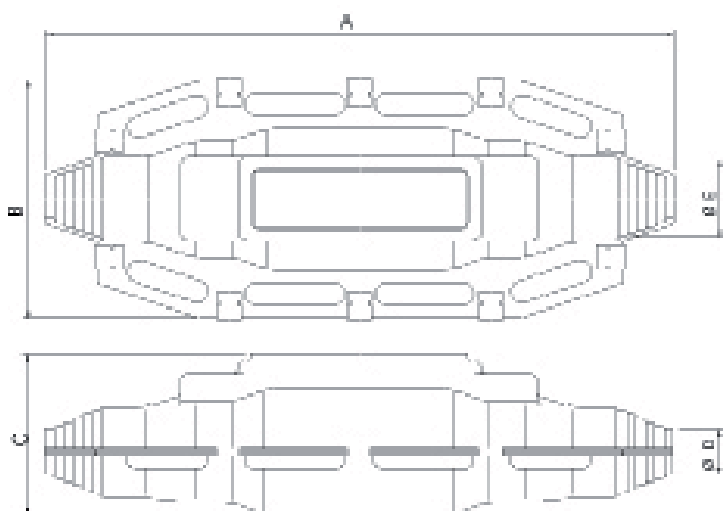
- Low Hazard Isocyanate free JEM resin
 - Twin Pack mixing in clear laminate sachets
 - Extremely low viscosity combined with enhanced adhesion
- Transparent vacuum formed shells which offer greater working dimensions & interlocking flange seals.
- Mechanical Connectors that need no special tools whilst allowing good conductor range take.



JSTCC 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 Mechanical connectors (4 cores) requiring no special tooling and 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 Ø 'D'	Max. Box entry Ø 'E'
JST6CC	240	115	75	12	22
JST16CC	310	125	85	20	35
JST35CC	390	130	100	24	40
JST95CC	620	160	130	27	51
JST185CC	795	230	205	40	65
JST300CC	950	240	210	55	80

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	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

