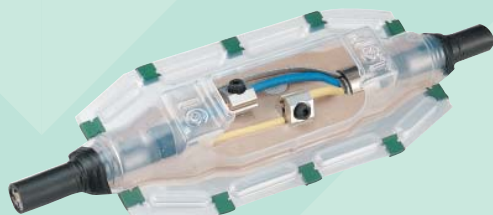


JEM Resin Joints

Application

Characteristics



Joint Features & Benefits

JEM Resin Features & Benefits



Low Voltage Universal Cable Jointing Kits (Straight)

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

- > 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

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

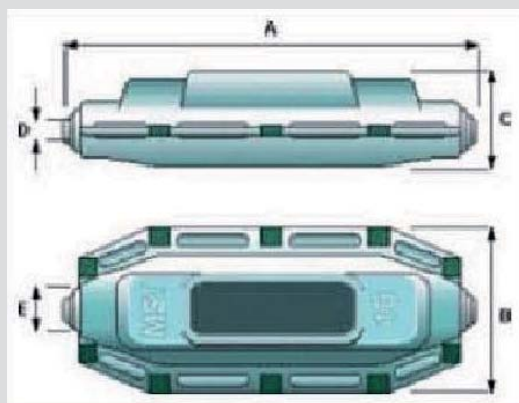
- > High flash point, non-flammable liquid - No special storage or transport requirements.
- > Not classified as irritating to the skin or eyes.
- > Does not cause skin sensitization.
- > Under EU regulations, no hazard labeling is required.

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 Dimentions

Joint Ref.	Dimentions (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