

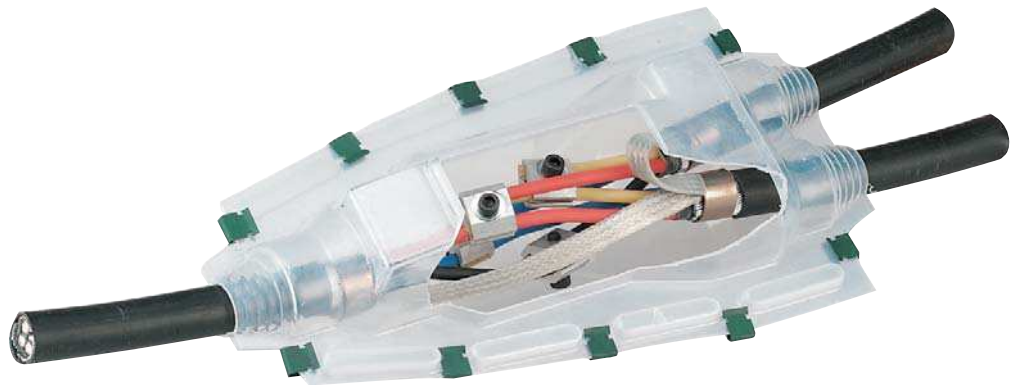
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JBR

Low Voltage Universal Cable Joint Kits

(Excludes Connectors)



BI CAST JEM

Application

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

Features

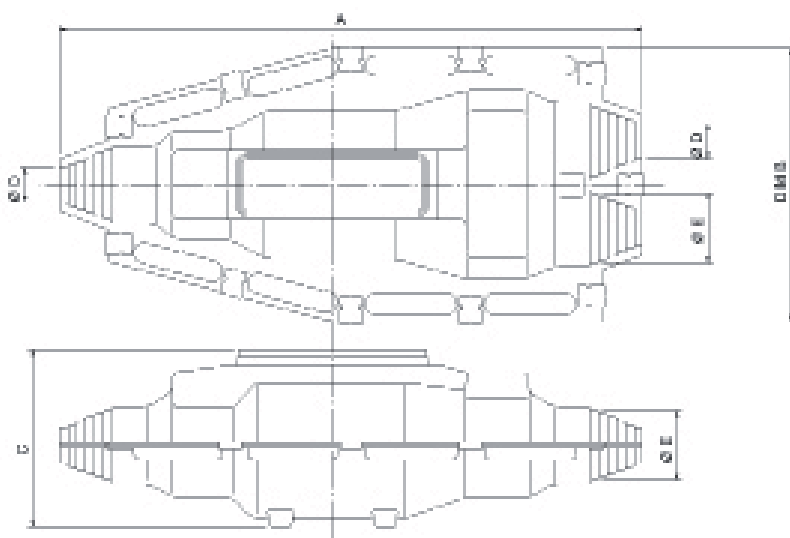
- Low Hazard Isocyanate free JEM resin
 - Twin Pack mixing in clear laminate sachets
 - Extremely low viscosity combined with enhanced adhesion
- Transparent vacuum formed shells which offer greater working dimensions & interlocking flange seals.
- Can be used with either Compression (Ceetap) or Mechanical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



JBR Low Voltage Universal Cable Joints

Technical Data

- > Low Voltage Branch 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'	Max. Box entry 'E'
JBR6	240	125	75	12	22
JBR16	345	160	95	20	35
JBR35	435	175	100	24	40
JBR95	650	210	190	27	51
JBR185	870	250	230	40	65
JBR300	1020	300	310	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	JBR6	JBR6	JBR6
2.5mm ²	JBR6	JBR6	JBR6
4mm ²	JBR6	JBR6	JBR6
6mm ²	JBR6	JBR6	JBR6
10mm ²	JBR6	JBR16	JBR16
16mm ²	JBR16	JBR16	JBR16
25mm ²	JBR16	JBR16	JBR35
35mm ²	JBR35	JBR35	JBR35

Nominal Area of Conductor	Two Core Ref.	Three Core Ref.	Four Core Ref.
50mm ²	JBR95	JBR95	JBR95
70mm ²	JBR95	JBR95	JBR95
95mm ²	JBR95	JBR95	JBR95
120mm ²	JBR185	JBR185	JBR185
150mm ²	JBR185	JBR185	JBR185
185mm ²	JBR185	JBR185	JBR185
240mm ²	JBR300	JBR300	JBR300
300mm ²	JBR300	JBR300	JBR300

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