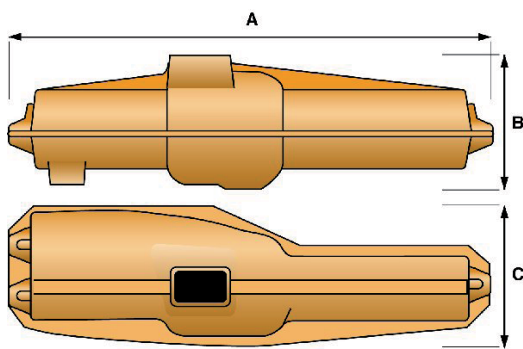


EFRZHMB - Low Voltage Cable Joint kits

Enhanced Fire Resistance + Zero Halogen



Branch joints for Enhanced LV Fire performance cables with copper conductors :

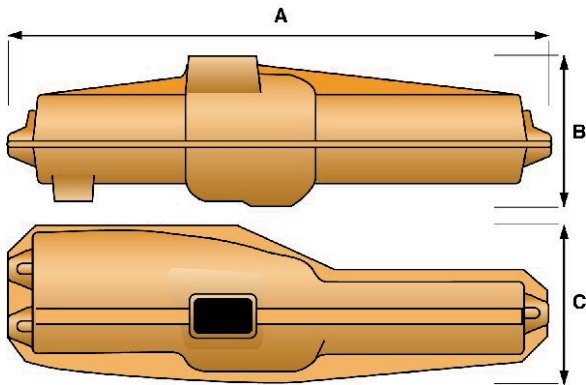
- Multi Core 1.5mm² to 240mm²

Features and Benefits

- **Rated Voltage 1000V**
- **Tested and approved to :**
 - **BS EN 50393:2015** - Test methods and requirements for accessories for use on distribution cables of rated voltage 0,6/1,0 (1,2) kV
 - **BS EN 61034-2, IEC 61034-2** - Smoke Emission
 - **BS EN 60754-1, IEC 60754-1** - Acid Gas Emission
 - **BS 6387:2013** - Test method for resistance to fire of cables required to maintain circuit integrity under fire conditions (categories C,W & Z)
 - **BS 8491 :2008** – Method for assessment of fire integrity of large diameter power cables for use as components for smoke and heat control systems and certain other active fire safety systems (120Mins)
- **Use with BS 7846 (F2,F30,F60, F120) Fire Resistant Cables**
- **System Requirements : BS 8519 Cat 3 & BS 5266-1 (120min)**
- **Low Hazard Isocyanate free JEM resin**
- **Twin pack mixing in clear laminate sachets**
- **Extremely low viscosity resin with enhanced adhesion**
- **Rigid glass reinforced phenolic joint shells which are both fire retardant and LSOH..**
- **Connectors supplied separately**

Technical Information:

- LV Branch Joints for 600/1000 Volt enhanced fire Performance polymeric insulated cables with copper conductors.
- Tested and approved to BS EN 50393 : 2015
- Fire tests on completed joints to
 - BS 6387 categories C,W & Z
 - BS 8491:2008 – 120Mins Combined Fire, Impact & Water Jet
- Reaction to Fire tests to
 - BS EN 61034-2 , IEC 61034-2 - Smoke Emission
 - BS EN 60754-1 , IEC 60754-1 - Acid Gas Emission
- 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.
 - High flash point, non-flammable liquid - No special storage or transport requirements.
 - Not classified as irritating to the skin or eyes.



Shell Dimensions (mm)

A	B	C
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EFRZHMB1	420	150	150
EFRZHMB2	520	195	180
EFRZHMB3	900	270	230

Joint Selection				
Conductor size	Two Core Cable	Three Core Cable	Four Core Cable	Five Core Cable
2.5 mm ²	EFRZHMB-1	EFRZHMB-1	EFRZHMB-1	EFRZHMB-2
4 mm ²	EFRZHMB-1	EFRZHMB-1	EFRZHMB-1	EFRZHMB-2
6 mm ²	EFRZHMB-1	EFRZHMB-1	EFRZHMB-1	EFRZHMB-2
10 mm ²	EFRZHMB-1	EFRZHMB-1	EFRZHMB-2	EFRZHMB-2
16 mm ²	EFRZHMB-1	EFRZHMB-2	EFRZHMB-2	EFRZHMB-2
25 mm ²	EFRZHMB-2	EFRZHMB-2	EFRZHMB-2	EFRZHMB-2
35 mm ²	EFRZHMB-2	EFRZHMB-2	EFRZHMB-2	EFRZHMB-3
50 mm ²	EFRZHMB-2	EFRZHMB-2	EFRZHMB-3	
70 mm ²	EFRZHMB-2	EFRZHMB-2	EFRZHMB-3	
95 mm ²	EFRZHMB-2	EFRZHMB-3	EFRZHMB-3	
120 mm ²	EFRZHMB-3	EFRZHMB-3	EFRZHMB-3	
150 mm ²	EFRZHMB-3	EFRZHMB-3	EFRZHMB-3	
185 mm ²	EFRZHMB-3	EFRZHMB-3	EFRZHMB-3	
240 mm ²	EFRZHMB-3	EFRZHMB-3	EFRZHMB-3	

Note : Copper ‘C’ Crimp Connectors for these joints are supplied separately