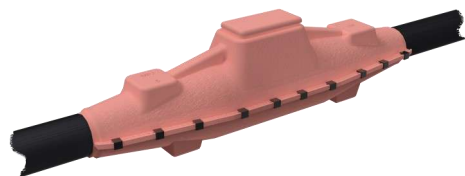


FRZHMPJ - Low Voltage Cable Joint kits

Enhanced Fire Resistance + Zero Halogen



JEM

FR600-ZH-MPJ-0318



Straight joints for Standard & Enhanced LV Fire performance cables with copper conductors :

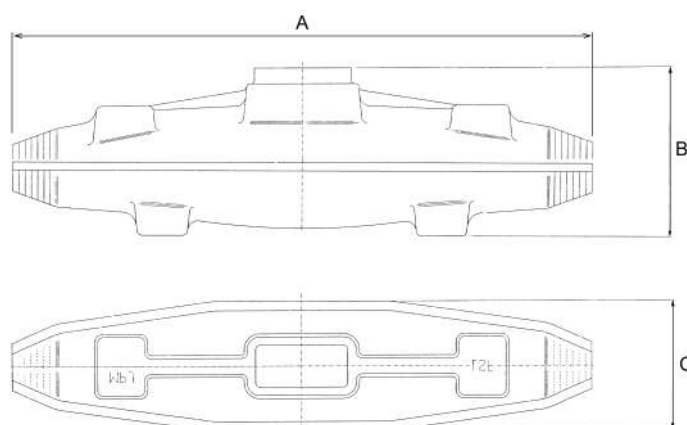
- Multi Core 1.5mm² to 400mm²

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.**
- **Slim-line design for use with com|**

Technical Information:

- LV Straight Joints for 600/1000 Volt fire Performance polymeric insulated SWA 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.
 - ⇒ Does not cause skin sensitization.



Shell Dimensions (mm)

A	B	C
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FRZHMPJ3	405	100	80
FRZHMPJ4	430	110	90
FRZHMPJ5	560	160	130
FRZHMPJ6	740	180	145
FRZHMPJ7	870	190	145
FRZHMPJ8	1015	205	180

Joint Selection					
Conductor	Two Core	Three Core	Four Core	Five Core	Connector Req'd
4 mm ²	FRZHMPJ-3	FRZHMPJ-4	FRZHMPJ-4	FRZHMPJ-4	BT6CS
6 mm ²	FRZHMPJ-3	FRZHMPJ-4	FRZHMPJ-4	FRZHMPJ-4	BT6CS
10 mm ²	FRZHMPJ-4	FRZHMPJ-4	FRZHMPJ-4	FRZHMPJ-4	BT10CS
16 mm ²	FRZHMPJ-4	FRZHMPJ-4	FRZHMPJ-4	FRZHMPJ-4	BT16CS
25 mm ²	FRZHMPJ-4	FRZHMPJ-4	FRZHMPJ-4	FRZHMPJ-5	BT25CS
35 mm ²	FRZHMPJ-4	FRZHMPJ-4	FRZHMPJ-5	FRZHMPJ-5	BT35CS
50 mm ²	FRZHMPJ-4	FRZHMPJ-4	FRZHMPJ-5		BT50CS
70 mm ²	FRZHMPJ-5	FRZHMPJ-5	FRZHMPJ-5		BT70CS
95 mm ²	FRZHMPJ-5	FRZHMPJ-5	FRZHMPJ-5		BT95CS
120 mm ²	FRZHMPJ-5	FRZHMPJ-5	FRZHMPJ-5		BT120CS
150 mm ²	FRZHMPJ-5	FRZHMPJ-5	FRZHMPJ-6		BT150CS
185 mm ²	FRZHMPJ-5	FRZHMPJ-6	FRZHMPJ-6		BT185CS
240 mm ²	FRZHMPJ-5	FRZHMPJ-6	FRZHMPJ-7		BT240CS
300 mm ²	FRZHMPJ-6	FRZHMPJ-6	FRZHMPJ-7		BT300CS
400 mm ²	FRZHMPJ-6	FRZHMPJ-7	FRZHMPJ-8		BT400CS



FR600-ZH-MPJ-0318

