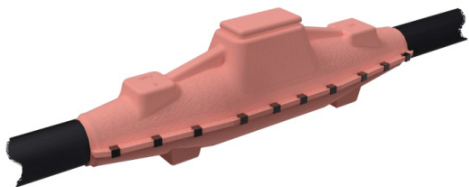


EFRZHMPJ - Low Voltage Cable Joint Kits

Enhanced Fire Resistance + Zero Halogen



Straight joints for Enhanced LV Fire Performance cables with copper conductors:

- Multi Core 4mm² to 400mm²

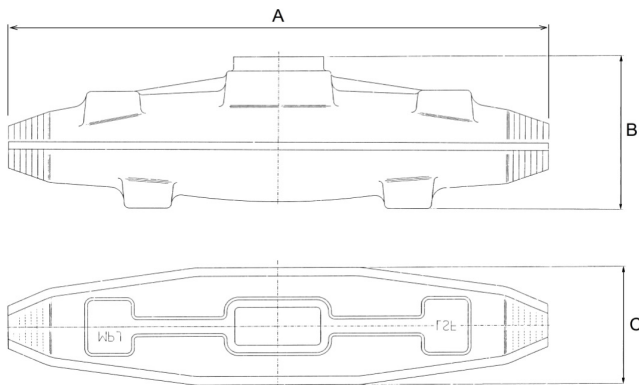
Features and benefits:

- **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 compression connectors.**



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.
 - => Does not cause skin sensitization.



Shell Dimensions (mm)

	A	B	C
--	---	---	---

EFRZHMPJ3	405	100	80
EFRZHMPJ4	430	110	90
EFRZHMPJ5	560	160	130
EFRZHMPJ6	740	180	145
EFRZHMPJ7	870	190	145
EFRZHMPJ8	1015	205	180

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