

LOW VOLTAGE AFUMEX LSOH CABLE JOINTS

For use with all Afumex, LSOH and LSF cables

CHARACTERISTICS

Prysmian offer a wide range of non-halogenated Afumex cable accessories for fire hazard applications.

Prysmian Components has been the market leader in this field for many years, and has provided cable accessories for many major projects including:

- Channel Tunnel
- London Underground's Jubilee Line
- Hong Kong International Airport

The joint shell material is a fire retardant, rigid thermo setting glass reinforced phenolic which is secured by steel clips.

JOINT FEATURES & BENEFITS

- Suitable for copper and aluminium conductors
- Armour bonds included
- Joints comply with BS7888 and CENELEC HD 629.1 S1



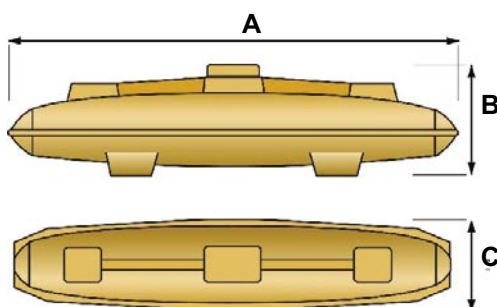
AFUMEX JOINT CHARACTERISTICS

Tests on complete joints to BS6724, using the methods described in IEC 1034, have shown that the smoke emission value A_0 is significantly lower than the permitted maximum of 1.5.

Joint Component Characteristics			
Property	Test Method	Shell GF Phenolic	Resin Filled Acrylic
Oxygen Index	BS2782 Pt.1 Mth.141	>70	>26
Temperature index	BS2782 Pt.1 Mth.143	>350°C	-
Heat Distortion Temperature	BS2782 Pt.1 Mth.121A	>150°C	-
Toxic Gas Emission	-	Nil	Nil
Smoke Emission	BS6724	$A_0 < 1.5$	-

STRAIGHT JOINT SELECTION INFORMATION

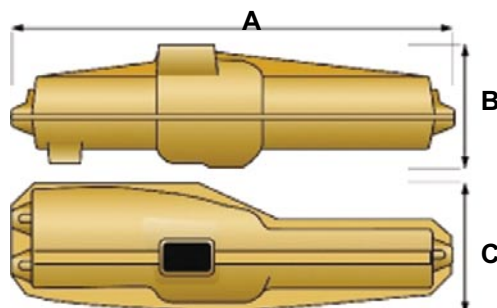
Shell Dimensions			
Straight Joint Ref.	A	B	C
ZHMPJ2	300mm	85mm	70mm
ZHMPJ3	405mm	100mm	80mm
ZHMPJ4	430mm	110mm	90mm
ZHMPJ5	560mm	160mm	130mm
ZHMPJ6	740mm	180mm	145mm
ZHMPJ7	870mm	190mm	145mm
ZHMPJ8	1015mm	205mm	180mm



600/1000V Afumex Straight Joints				
Nominal area of Conductor	Two Core Ref.	Three Core Ref.	Four Core Ref.	Connector Ref.
4mm ²	FHMP J2	FHMP J2	FHMP J2	BE-YS
6mm ²	FHMP J2	FHMP J2	FHMP J2	BT6CS
10mm ²	FHMP J2	FHMP J2	FHMP J2	BT10CS
16mm ²	FHMP J2	FHMP J3	FHMP J3	BT16CS
25mm ²	FHMP J2	FHMP J3	FHMP J4	BT25CS
35mm ²	FHMP J3	FHMP J4	FHMP J4	BT35CS
50mm ²	FHMP J3	FHMP J5	FHMP J5	BT50CS
70mm ²	FHMP J4	FHMP J5	FHMP J5	BT70CS
95mm ²	FHMP J4	FHMP J5	FHMP J5	BT95CS
120mm ²	FHMP J5	FHMP J6	FHMP J6	BT120CS
150mm ²	FHMP J5	FHMP J6	FHMP J6	BT150CS
185mm ²	FHMP J5	FHMP J6	FHMP J6	BT185CS
240mm ²	FHMP J6	FHMP J7	FHMP J7	BT240CS
300mm ²	FHMP J6	FHMP J7	FHMP J7	BT300CS
400mm ²	-	-	FHMP J8	BT400CS

BRANCH JOINT SELECTION INFORMATION

Shell Dimensions			
Branch Joint Ref.	A	B	C
ZHMB1	420mm	150mm	150mm
ZHMB2	520mm	195mm	180mm



600/1000V Afumex Branch joints			
Nominal area of conductor	Two Core Ref.	Three Core Ref.	Four Core Ref.
10mm ²	ZHMB1	ZHMB1	ZHMB1
16mm ²	ZHMB1	ZHMB1	ZHMB2
25mm ²	ZHMB1	ZHMB1	ZHMB2
35mm ²	ZHMB1	ZHMB2	ZHMB2
50mm ²	ZHMB2	ZHMB2	ZHMB2

NOTES & ACCESSORIES

Notes:

- For mechanical connectors see leaflet LV Mechanical Connectors
- Connectors are sold separately
- Armour bonds are included

