

EN 50525 H07Z-U 450/750V

I PR I 8AWG Armoured LSF Cable

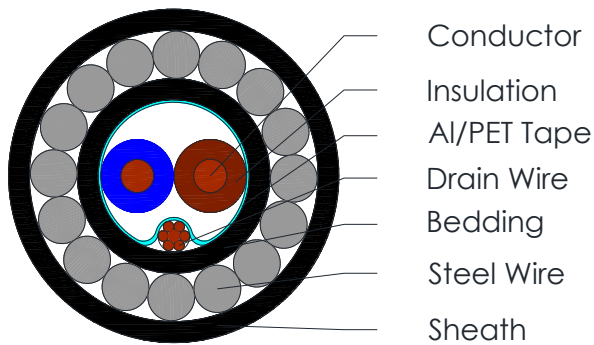


C4606, C4607

Applications

LSF sheathed cable for lighting network, switchgear, control gear and for internal wiring.

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid Bare Copper wire
Insulation	LSF Blue and Brown
Pair	Two cores twisted together
Screen (If applied)	Al-PET Tape
Drain Wire (If applied)	Tinned copper wire
Bedding	LSF
Armoured	Galvanized Steel Wire
Sheath Material	Flame Retardancy LSF Colour: Black
Standard Put Up Length	100 or 500 meters

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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I PR 18AWG Armoured LSF Cable



C4606, C4607

Physical Characteristics

Part Number	C4606	C4607
No. of Pairs	1	1
Conductor Size (AWG)	18	18
Conductor diameter (mm)	1.02	1.02
Nom. Insulation diameter (mm)	2.52	2.52
Drain Wire Size (AWG)	7×32AWG	-
Bedding Diameter (mm)	6.70	6.60
Diameter of Steel Wire	0.90	0.90
Sheath Thickness (mm)	0.80	0.80
Nom. Overall Diameter (mm)	10.20	10.10
Operating Temperature (°C)	-15 to +70	
Installation Temperature (°C)	0 to +60	
Min. Bend Radius (install) (mm)	150	

Electrical Characteristics (at 20°C)

Part Number	C4606	C4607
Max. DC Resistance Conductor (Ω /km)	22.7	
Min. insulation resistance at 90°C	0.011	
Max. Operating Voltage (Vrms)	450/750	

Reference Standards

BS EN 50525	IEC 60754-1&-2
EN 60228	IEC 61034-2
HD 308	BS EN 50288
IEC 60332-1	RoHS Directives