

EN 50525 H07Z-U 450/750V

2C to 4C Armoured LSF Cable

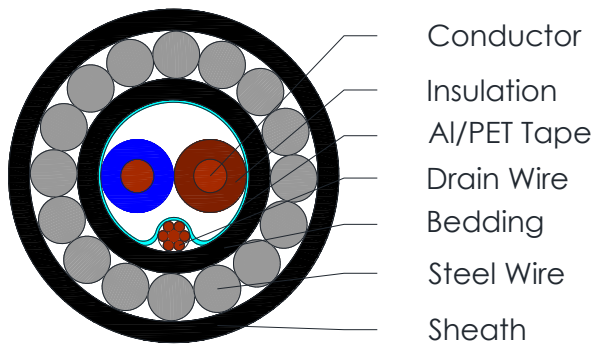


C4604, C4605, C4608, C4609, C4610

Applications

Multi-core 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 Core1: Blue Core2: Brown Core3: Black Core4: Grey
Screen	Al-PET Tape
Drain Wire	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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Physical Characteristics

Part Number	C4604	C4608	C4605	C4609	C4610
No. of Cores	2	4	2	3	4
Conductor Size (AWG)	18	18	22	22	22
Conductor diameter (mm)	1.02	1.02	0.64	0.64	0.64
Nom. Insulation Diameter (mm)	2.52	2.52	2.14	2.14	2.14
Drain Wire Size (AWG)	7×32AWG				
Bedding Diameter (mm)	6.70	7.80	6.00	6.30	6.90
Diameter of Steel Wire	0.90	0.90	0.90	0.90	0.90
Sheath Thickness (mm)	0.80	0.90	0.80	0.80	0.80
Nom. Overall Diameter (mm)	10.20	11.40	9.40	9.70	10.30
Operating Temperature (°C)	-15 to +70				
Installation Temperature (°C)	0 to +60				
Min. Bend Radius (install) (mm)	150	170	140	145	155

Electrical Characteristics (at 20°C)

Part Number	C4604	C4608	C4605	C4609	C4610
Max. DC Resistance Conductor (Ω /km)	22.7	22.7	57.4	57.4	57.4
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