Safe-T-Shield LSHF White
Technical Datasheet

Description: Safe-T-Shield, Low Smoke Halogen Free (LSHF), Bonded Aluminium Tube to BS 8436 & IS 273

Construction

Conductor Material	: Bare Copper, Class 2
Insulation Material	: Cross Linked Polyethylene (XLPE)
Drain Wire	: Tinned Copper, Class 2
Overall Screen	: Bonded Aluminium Foil/Tube
Sheath Material	: Low Smoke Halogen Free (LSHF)
Sheath Colour	: White
Core Identification	: 2core – Brown, Blue 3core – Brown, Black, Grey
	: 4core – Brown, Blue, Black, Grey

Electrical Characteristics

Conductor Resistance		: BS EN 60228
Insulation Resistance		: 200 MΩ.M
Working Voltage	1.5mm² to 4mm²	: 300/500kV to BS 8436
	1.5mm² to 6mm²	: 600/1kV to IS 273

Physical Characteristics

Bend Radius	: 6 x OD
Temperature Rating	: -30°C to +70°C

Standards

Flame Retardant	: BS EN 60332-1-2
Low Smoke Generation	: BS EN 61034-2
Halogen Gas Emission	: BS EN 60754-1&2
RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU)

Part No.	Cores x mm²	Weight kg/km	OD mm
38801502E	2E 1.5	98	7.6
38801503E	3E 1.5	135	8.4
38801504E	4E 1.5	201	9.4
38802502E	2E 2.5	143	8.5
38802503E	3E 2.5	199	9.6
38802504E	4E 2.5	221	10.5

Part No.	Cores x mm²	Weight kg/km	OD mm
38804002E	2E 4.0	193	9.7
38004003E	3E 4.0	244	11.0
38804004E	4E 4.0	304	12.5
38806002E	2E 6.0	284	12.3
38806003E	3E 6.0	355	13.4
38806004E	4E 6.0	428	16.2

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