Safe-T-Shield LSHF White
Technical Datasheet

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

BS EN 50575 CLASS Eca
INDEPENDENTLY VERIFIED

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), CPR (305/2011)
CPR Classification	: Eca (EN50575:2014+A1:2016)

Part No.	Cores x mm²	Weight kg/km	OD mm
38801502E-E00	2E 1.5	98	7.6
38801503E-E00	3E 1.5	135	8.4
38801504E-E00	4E 1.5	201	9.4
38802502E-E00	2E 2.5	143	8.5
38802503E-E00	3E 2.5	199	9.6
38802504E-E00	4E 2.5	221	10.5

Part No.	Cores x mm²	Weight kg/km	OD mm
38804002E-E00	2E 4.0	193	9.7
38004003E-E00	3E 4.0	244	11.0
38804004E-E00	4E 4.0	304	12.5
38806002E-E00	2E 6.0	284	12.3
38806003E-E00	3E 6.0	355	13.4
38806004E-E00	4E 6.0	428	16.2

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