

**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	1.5mm <sup>2</sup> to 4mm <sup>2</sup> : 300/500kV to BS 8436 1.5mm <sup>2</sup> to 6mm <sup>2</sup> : 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 mm <sup>2</sup>	Weight kg/km	OD mm	Part No.	Cores x mm <sup>2</sup>	Weight kg/km	OD mm
38801502E-E00	2E 1.5	98	7.6	38804002E-E00	2E 4.0	193	9.7
38801503E-E00	3E 1.5	135	8.4	38004003E-E00	3E 4.0	244	11.0
38801504E-E00	4E 1.5	201	9.4	38804004E-E00	4E 4.0	304	12.5
38802502E-E00	2E 2.5	143	8.5	38806002E-E00	2E 6.0	284	12.3
38802503E-E00	3E 2.5	199	9.6	38806003E-E00	3E 6.0	355	13.4
38802504E-E00	4E 2.5	221	10.5	38806004E-E00	4E 6.0	428	16.2