

**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 M $\Omega$ .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)

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	2E 1.5	98	7.6	38804002E	2E 4.0	193	9.7
38801503E	3E 1.5	135	8.4	38004003E	3E 4.0	244	11.0
38801504E	4E 1.5	201	9.4	38804004E	4E 4.0	304	12.5
38802502E	2E 2.5	143	8.5	38806002E	2E 6.0	284	12.3
38802503E	3E 2.5	199	9.6	38806003E	3E 6.0	355	13.4
38802504E	4E 2.5	221	10.5	38806004E	4E 6.0	428	16.2