

## RAILWAY TUBESAFE CABLE



### APPLICATION

Tubesafe cable is London Underground LUL fire performance approved to be installed in metal conduits on the network. This single core cable is fire-resistant and is specified for use in alarm and emergency lighting circuits.

### CONSTRUCTION

- Conductor:** Copper Conductor
- Insulation:** Cross Linked Polyethylene (XLPE)
- Tape:** MICA fire resistant tape
- Sheath:** Low Smoke and Zero Halogen (LSZH)

### SHEATH COLOURS AVAILABLE

- 2.5mm<sup>2</sup>, 6mm, 10mm<sup>2</sup> & 16mm<sup>2</sup>
  - Blue      Brown      Green/Yellow
- 4mm<sup>2</sup>
  - Blue      Brown      Green/Yellow
  - Black      Grey
- 25mm<sup>2</sup> to 70mm<sup>2</sup>
  - Black      Green/Yellow
- 95mm<sup>2</sup> to 300mm<sup>2</sup>
  - Black

### CABLE STANDARDS

- LU1-085 APR 3360 - Circuit integrity test
- IEC 60331-3, 950 Degree C.
- BS EN 60332-1-2, BSEN 60332-3-5
- BS EN 61034
- BS EN 60754-1

### CHARACTERISTICS

- Voltage Rating:** 600/1000 Volts
- Temperature Limits:** -10°C to +90°C
- Minimum Bending Radius:**  
As per cable manufacturer datasheet

Should not be installed at temperatures below 0°C or above +40°C

## RAILWAY TUBESAFE CABLE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM <sup>2</sup> )	STRANDING (MM)	NO OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER (MM)
6491B2/5BUTUBESFR100	2.5	7/0.67	1	38	4.10
6491B4BUTUBESFR100	4	7/0.85	1	54	4.60
6491B6BUTUBESFR100	6	7/1.04	1	75	5.10
6491B10BUTUBESAFE	10	7/1.35	1	124	6.70
6491B16BUTUBESAFE	16	7/1.70	1	183	7.60
6491B25BKTUBESAFE	25	7/2.14	1	285	9.40
6491B35BKTUBESAFE	35	7/2.52	1	382	11.00
6491B50BKTUBESAFE	50	19/1.78	1	520	12.40
6491B70BKTUBESAFE	70	19/2.14	1	717	14.20
6491B95BKTUBESAFE	95	19/2.52	1	992	16.50
6491B120BKTUBESAFE	120	37/2.03	1	1228	18.10
6491B150BKTUBESAFE	150	37/2.25	1	1522	20.3
6491B185BKTUBESAFE	185	37/2.52	1	1880	21.1
6491B240BKTUBESAFE	240	61/2.25	1	2492	26.20
6491B300BKTUBESAFE	300	61/2.52	1	3089	28.60