

# LFH Rolling Stock Part 6 Type I Cable (London Underground)



Eland Product Group:

## APPLICATION

Reduced wall single core cable for use in rolling stock.

## CONSTRUCTION

### Conductor

Class 2 stranded tinned copper conductor

### Insulation

Reduced wall LFH (Limited Fire Hazard)

## CABLE STANDARDS

RSE/STD/024 Part 6 Type I

1-085 (Emissions and Flame Propagation)



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

## CHARACTERISTICS

### Voltage Rating (U<sub>o</sub>/U)

600/1000V

### Temperature Rating

-30°C to +85°C

### Minimum Bending Radius

2 x overall diameter

### Core Identification

● Red

## DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NO. OF STRANDS	NOMINAL DIAMETER OF STRANDS mm	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/km	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
LULP6T11X0.5	1	0.5	19	0.18	39.7	1.5	7
LULP6T11X0.75	1	0.75	37	0.16	25.8	1.8	9
LULP6T11X1	1	1	37	0.18	20.4	1.9	11
LULP6T11X1.5	1	1.5	37	0.23	12.5	2.3	17
LULP6T11X2.5	1	2.5	37	0.3	7.33	2.8	28
LULP6T11X4	1	4	37	0.37	4.68	3.4	42

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.