

# LFH Rolling Stock Part 6 Type IV 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

LFH (Limited Fire Hazard)

## CABLE STANDARDS

RSE/STD/024 Part 6 Type IV

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)

30/50V

### Temperature Rating

-30°C to +85°C

### Minimum Bending Radius

2 x overall diameter

### Core Identification

● Violet

● Yellow for safety circuits

## 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
LULP6TIV1X0.5*	1	0.5	19	0.18	39.7	1.3	6
LULP6TIV1X0.75*	1	0.75	37	0.16	25.8	1.6	8
LULP6TIV1X1*	1	1	37	0.18	20.4	1.7	10
LULP6TIV1X1.5*	1	1.5	37	0.23	12.5	2.1	16
LULP6TIV1X2.5*	1	2.5	37	0.3	7.33	2.7	27
LULP6TIV1X4*	1	4	37	0.37	4.68	3.3	42

\*Eland Part No. shown above designate the sheath colour (\*). For each colour substitute \* for a colour code as listed below. e.g. LULP6TIV1X0.5VI = 0.5mm<sup>2</sup> Violet

## Colour Codes

COLOUR	Violet	Yellow
CODE	VI	YW