



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



## APPLICATION

Reduced wall single core cable for use in rolling stock.

## CHARACTERISTICS

**Voltage Rating** Uo/U  
30/50V

**Temperature Rating**  
-30°C to +85°C

**Minimum Bending Radius**  
2 x overall diameter

## CONSTRUCTION

**Conductor**  
Class 2 Stranded tinned copper conductor

**Insulation**  
LFH (Limited Fire Hazard)

**Insulation Colour**  
● Violet  
● Yellow for safety circuits

## CABLE THIRD-PARTY ACCREDITATION



London Underground Limited (LUL) certified and listed on the Approved Products Register as meeting the requirements for installation within their network

## STANDARDS

RSE/STD/024 Part 6 Type IV

Flame Propagation according to 1-085

## ISO/IEC 17025 LABORATORY TESTED

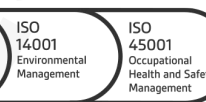
This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



8578



FS 672069



EMS 672067



OHS 672066

## REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.



KM 634267





## 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

\* Designates the sheath colour. For each Eland Cables part number replace with the colour code as listed below. e.g. LULP6TIV1X0.5VI = 0.5mm<sup>2</sup> Violet

## COLOUR CODES

COLOUR	Violet	Yellow
CODE	VI	YW

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.