



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

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



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[™].





DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	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 = 0.5mm² 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.