



LFH Rolling Stock Part 6 Type V 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 V

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.



REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and 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
LULP6V1X0.5*	1	0.5	16	0.2	40.1	2.3	10
LULP6V1X0.75*	1	0.75	24	0.2	26.7	2.5	13
LULP6V1X1*	1	1	32	0.2	20	2.7	16
LULP6V1X1.5*	1	1.5	30	0.25	13.7	3.2	22
LULP6V1X2.5*	1	2.5	50	0.25	8.21	3.7	32
LULP6V1X4*	1	4	56	0.3	5.09	4.4	51
LULP6V1X6*	1	6	84	0.3	3.39	5.2	75
LULP6V1X10*	1	10	80	0.4	1.95	6.3	123

* Designates the sheath colour. For each Eland Cables part number replace with the colour code as listed below. e.g. LULP6TV1X0.5V = 0.5mm² Violet

COLOUR CODE

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.