



LFH Rolling Stock Part 6 Type III Cable (London Underground)



APPLICATION

Enhanced wall single core cable for use in rolling stock.

CHARACTERISTICS

Voltage Rating U_o/U
0.6/1kV

Temperature Rating
-30°C to +85°C

Minimum Bending Radius
10mm to 25mm: 3 x overall diameter
>25mm: 6 x overall diameter

CONSTRUCTION

Conductor
Class 5 Flexible tinned copper conductor

Insulation
LFH (Limited Fire Hazard)

Insulation Colour
● Red

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 III

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 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
LULP6TIII1X50	1	50	396	0.4	0.393	16.2	653
LULP6TIII1X70	1	70	360	0.5	0.277	18.1	873
LULP6TIII1X95	1	95	475	0.5	0.21	19.8	1108
LULP6TIII1X150	1	150	756	0.5	0.132	23.7	1670
LULP6TIII1X185	1	185	925	0.5	0.108	26	2024
LULP6TIII1X240	1	240*	1221	0.5	0.0817	29	2598
LULP6TIII1X300	1	300*	1525	0.5	0.0654	31	3181

*Cables manufactured generally to RSE/STD/024

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.