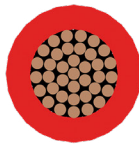


# LFH Rolling Stock Part 6 Type II Cable (London Underground)



ELAND CABLES ©

## APPLICATION

Standard wall single core cable for use in rolling stock.

## CHARACTERISTICS

**Voltage Rating** U<sub>o</sub>/U  
0.6/1kV

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

**Minimum Bending Radius**  
<10mm: 2 x overall diameter  
10mm to 25mm: 3 x overall diameter  
>25mm: 6 x overall diameter

## CONSTRUCTION

**Conductor**  
Class 5 flexible tinned copper

**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 II

Flame Propagation according to 1-085

## THE CABLE LAB<sup>®</sup>

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](http://www.elandcables.com/company/about-us/esg-sustainability)

SCIENCE  
BASED  
TARGETSBUSINESS  
AMBITION FOR **1.5°C**

## REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab<sup>®</sup>.





## 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
LULP6TII1X0.75	1	0.75	24	0.2	26.7	3	16
LULP6TII1X1	1	1	32	0.2	20	3.2	19
LULP6TII1X1.5	1	1.5	30	0.25	13.7	3.7	26
LULP6TII1X2.5	1	2.5	50	0.25	8.21	4.1	36
LULP6TII1X4	1	4	56	0.3	5.09	4.9	57
LULP6TII1X6	1	6	84	0.3	3.39	5.7	80
LULP6TII1X10	1	10	80	0.4	1.95	7	133
LULP6TII1X16	1	16	126	0.4	1.24	8.3	198
LULP6TII1X25	1	25	196	0.4	0.795	10.2	301
LULP6TII1X35	1	35	276	0.4	0.565	11.9	398
LULP6TII1X50	1	50	396	0.4	0.393	13.6	588
LULP6TII1X70	1	70	360	0.5	0.277	15.5	761
LULP6TII1X95	1	95	475	0.5	0.21	17.7	1002
LULP6TII1X150	1	150	756	0.5	0.132	22	1569
LULP6TII1X240	1	240	1221	0.5	0.0817	27.9	2516
LULP6TII1X300	1	300	1525	0.5	0.0654	30.1	3091

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.