



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



## APPLICATION

Standard wall single core cable for use in rolling stock.

## CHARACTERISTICS

**Voltage Rating** Uo/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

## 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 EHS267





## 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.