



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



## APPLICATION

Enhanced 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 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

## 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 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™.



VM E26267



## 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
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.