



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



## APPLICATION

Standard wall multi-core cable with enhanced sheath for use in rolling stock.

## CHARACTERISTICS

**Voltage Rating** U<sub>0</sub>/U  
30/50V

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

**Minimum Bending Radius**  
10mm to 25mm: 4 x overall diameter  
>25mm: 6 x overall diameter

## CONSTRUCTION

### Conductor

Class 5 flexible tinned copper conductor (Type V cores)

### Insulation

LFH (Limited Fire Hazard)

### Binder Tape

Individually and overall proofed tape

### Sheath

LFH (Limited Fire Hazard)

### Core Identification

● Violet

### Sheath Colour

● Black with ● Yellow Stripe

## 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 VII

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



SCIENCE  
BASED  
TARGETS

BUSINESS  
AMBIITION 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
LULP6TVIII12X1	12	1	32	0.2	20	20.25	309
LULP6TVII42X1.5	42	1.5	30	0.25	13.7	38.35	1661

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.