



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



APPLICATION

Standard wall pair and multi-pair cable with standard or enhanced sheath for use in rolling stock.

CHARACTERISTICS

Voltage Rating Uo/U
30/50V

Temperature Rating
-30°C to +85°C

Minimum Bending Radius
6 x overall diameter

CONSTRUCTION

Conductor

Class 5 Flexible tinned copper conductor (Type V cores)

Insulation

LFH (Limited Fire Hazard)

Screen

TCWB (Tinned Copper Wire Braid)

Drain Wire

Tinned Copper

Sheath

LFH (Limited Fire Hazard)

Core Identification

● Blue ● Brown

Sheath Colour

● Black

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 VIII

Flame Propagation according to 1-085

THE CABLE LAB®

AN ISO/IEC 17025 AND IECCE 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, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab®.



DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm²	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
LULP6TVIII1P0.5	1	0.5	16	0.2	40.1	8.45	99
LULP6TVIII1P0.75	1	0.75	24	0.2	26.7	9.2	110
LULP6TVIII1P1	1	1	32	0.2	20	9.5	139
LULP6TVIII1P1	1	1	32	0.2	20	11.5	199
LULP6TVIII1P1	1	1	32	0.2	20	15.5	306
LULP6TVIII2P1	2	1	32	0.2	20	15.7	443
LULP6TVIII3P1	3	1	32	0.2	20	21.3	565

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.