

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 U_o/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

DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	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.

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

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™.



KM 634267

