



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



APPLICATION

Reduced wall pair and multi-pair cable with standard 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 2 stranded tinned copper conductor (Type IV 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
LULP6TIX1P0.5	1	0.5	19	0.18	39.7	6.1	57
LULP6TIX2P0.5	2	0.5	19	0.18	39.7	10.2	110
LULP6TIX1P1	1	1	37	0.18	20.4	7	86
LULP6TIX2P1	2	1	37	0.18	20.4	12.2	188
LULP6TIX3P1	3	1	37	0.18	20.4	12.9	217
LULP6TIX4P1	4	1	37	0.18	20.4	14	290

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 IX

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.



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™.

