

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



Eland Product Group:

APPLICATION

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

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)

CABLE STANDARDS

RSE/STD/024 Part 6 Type VIII

1-085 (Emissions and Flame Propagation)



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS

Voltage Rating (U_o/U)

30/50V

Temperature Rating

-30°C to +85°C

Minimum Bending Radius

6 x overall diameter

Core Identification

● Blue ● Brown

Sheath Colour

● Black

DIMENSIONS

ELAND PART NO.	NO. OF PAIRS	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.