

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



Eland Product Group:

## APPLICATION

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

## CONSTRUCTION

### Conductor

Class 5 flexible tinned copper conductor (Type II cores)

### Insulation

LFH (Limited Fire Hazard)

### Binder Tape

Individually and overall proofed tape

### Sheath

LFH (Limited Fire Hazard)

## CABLE STANDARDS

RSE/STD/024 Part 6 Type VI  
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<sub>o</sub>/U)**  
600/1000V

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

**Minimum Bending Radius**  
6 x overall diameter

**Core Identification**  
● Red

**Sheath Colour**  
● Black with ● Yellow Stripe

## 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
LULP6TVI10X2.5	10	2.5	50	0.25	8.21	27.3	996
LULP6TVI20X4	20	4	56	0.3	5.09	42.5	2516

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.