



LFH Concentric Signalling Screened SE1047 Type 4 Cable (London Underground)



APPLICATION

This safety critical range of signalling cables are used between the signalling central termination frame and vital signalling equipment.

CHARACTERISTICS

Voltage Rating Uo/U
0.6/1kV

Temperature Rating
-15°C to +85°C

Minimum Bending Radius
6 x overall diameter

CONSTRUCTION

Conductor

Class 1 Solid tinned copper conductor

Insulation

XLPE (Cross-Linked Polyethylene)

Concentric Return Conductor

Tinned copper spiral screen

Inner Sheath

PE (Polyethylene)

Screen

TCWB (Tinned Copper Wire Braid)

Outer Sheath

LFH (Limited Fire Hazard)

Core Identification

● Black with numbers

Sheath Colour

● Red

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

SE 1047, LUL

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE 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



SCIENCE
BASED
TARGETS

BUSINESS
AMBITION FOR 1.5°C



REGULATORY COMPLIANCE

This cable meets the requirements of 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 UNITS	NOMINAL CROSS SECTIONAL AREA mm ²	NO. OF STRANDS IN CONDUCTORS	NOMINAL DIAMETER OF STRANDS IN CONDUCTOR mm	MAXIMUM DC RESISTANCE OF CONDUCTOR & COCENTRIC RETURN CONDUCTOR AT 20°C ohms/km	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
SE1047T4-1C	1	1.85	1	1.53	11/9.66	11	184
SE1047T4-3C	3	1.85	1	1.53	11/9.66	18.6	487
SE1047T4-7C	7	1.85	1	1.53	11/9.66	24.1	875
SE1047T4-19C	19	1.85	1	1.53	11/9.66	37.2	2120

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.