

LFH Concentric Signalling SE1047 Type 2 Cable (London Underground)



APPLICATION

LSZH railway signalling cable for use in trackside bracket runs.

CHARACTERISTICS

Voltage Rating U₀/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

SE1047, LUL 1-085

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECCE 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	MINIMUM NO. OF STRANDS IN CONCENTRIC RETURN CONDUCTOR	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
SE1047T2-1C	1	1.85	1	1.53	11/9.66	33	10.3	140
SE1047T2-3C	3	1.85	1	1.53	11/9.66	33	17.1	361
SE1047T2-7C	7	1.85	1	1.53	11/9.66	33	22.1	612
SE1047T2-19C	19	1.85	1	1.53	11/9.66	33	33.8	1429

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.