

LFH Concentric Signalling SE1047 Type 2 Cable (London Underground)



APPLICATION

LSZH railway signalling cable for use in trackside bracket runs.

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



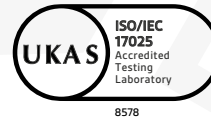
London Underground Limited (LUL) certified and listed on the Approved Products Register as meeting the requirements for installation within their network

STANDARDS

SE1047, LUL 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 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™.





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.