

Concentric Signalling Screened SE1047 Type 3 Cable (London Underground)



APPLICATION

PVC 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
PVC (Polyvinyl Chloride)

Concentric Return Conductor
Tinned copper spiral screen

Inner Sheath
PVC (Polyvinyl Chloride)

Screen
TCWB (Tinned Copper Wire Braid)

Outer Sheath
PVC (Polyvinyl Chloride)

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

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
SE1047T3P1C	1	1.85	1	1.53	11/9.66	33	11.6	210
SE1047T3P3C	3	1.85	1	1.53	11/9.66	33	19.9	561
SE1047T3P7C	7	1.85	1	1.53	11/9.66	33	25.9	987
SE1047T3P19C	19	1.85	1	1.53	11/9.66	33	40.2	2375

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.