



Concentric Signalling SE1047 Type 1 Cable (London Underground)



APPLICATION

PVC Railway signalling cable for use in trackside bracket runs.

CHARACTERISTICS

Voltage Rating

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 wire screen

Inner Sheath

PVC (Polyvinyl Chloride)

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

SE1047, 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.



8578



FS 672069



EMS 672067



OHS 672066

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™.



KM 634267





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
SE1047T1-1C	1	1.85	1	1.53	11/9.66	33	10.9	173
SE1047T1-3C	3	1.85	1	1.53	11/9.66	33	18.4	453
SE1047T1-7C	7	1.85	1	1.53	11/9.66	33	23.9	771
SE1047T1-19C	19	1.85	1	1.53	11/9.66	33	36.8	1815

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.