

Concentric Signalling SE1047 Type 1 Cable (London Underground)



Eland Product Group:

APPLICATION

PVC Railway signalling cable for use in trackside bracket runs.

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)

CABLE STANDARDS

SE1047

LUL Approved



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS

Voltage Rating (U_o/U)

600/1000V

Temperature Rating

-15°C to +85°C

Minimum Bending Radius

6 x overall diameter

Core Identification

● Black with numbers

Sheath Colour

● Red

DIMENSIONS

ELAND PART NO.	NO. OF UNITS	NOMINAL CROSS SECTIONAL AREA mm ²	NO. OF STRANDS IN CONDUCTOR	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.