



# 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

## THE CABLE LAB<sup>®</sup>

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](http://www.elandcables.com/company/about-us/esg-sustainability)



SCIENCE  
BASED  
TARGETS

BUSINESS  
AMBIITION 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<sup>®</sup>.





## DIMENSIONS

ELAND PART NO.	NO. OF UNITS	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	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.