



# Screened Signalling SE-0527 Cable (London Underground)



## APPLICATION

A screened multicore cable used for signalling circuits in crossing tracks.

## CHARACTERISTICS

**Voltage Rating**  
250V

**Temperature Rating**  
-15°C to +85°C

**Minimum Bending Radius**  
6 x overall diameter

## CONSTRUCTION

**Conductor**  
Class 1 solid tinned copper conductor

**Insulation**  
EPR (Ethylene Propylene Rubber)

**Concentric Return Conductor**  
Tinned copper spiral screen

**Inner Sheath**  
EPR (Ethylene Propylene Rubber)

**Screen**  
TCWB (Tinned Copper Wire Braid)

**Sheath**  
PCP (Polychloroprene)

**Core Identification**  
3 core: ● Red ○ White ● Black  
5 core: ● Red ○ White ● Black ● Blue ● Green

**Sheath Colour**  
● Black

## 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

SSL-SE-0527, LUL 1-085

## THE CABLE LAB<sup>®</sup>

AN ISO/IEC 17025 AND IECEE 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  
AMBITION FOR 1.5°C**



## REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU, 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 CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NO. OF STRANDS IN CONDUCTOR	NOMINAL DIAMETER OF STRANDS mm	MAXIMUM DC RESISTANCE OF CONDUCTOR & CONCENTRIC RETURN CONDUCTOR AT 20°C ohms/km	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
SE05273X1.85	3	1.85	1	1.53	9.66	31.8	1325
SE05275X1.85	5	1.85	1	1.53	9.66	36.6	1710

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.