



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[®]

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



SCIENCE
BASED
TARGETS

BUSINESS
AMBIITION 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[®].





DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	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.