

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

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



F5 672069



EMS 672067



OHS 672066

REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and 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 024207





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.