

Concentric Signalling SE-0527 Cable (London Underground)



Eland Product Group:

APPLICATION

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

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)

CABLE STANDARDS

SSL-SE-0527

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

250V

Temperature Rating

-15°C to +85°C

Minimum Bending Radius

6 x overall diameter

Core Identification

3 core: ● Red ○ White ● Black

5 core: ● Red ○ White ● Black ● Blue ● Green

Sheath Colour

● Black

DIMENSIONS

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