



SE 0875 Screened Track Crossing Cable (London Underground)



APPLICATION

This cable is for use in Signal Safety Circuits where these are required to cross the track at Ballast level. For installations where fire, smoke emissions and toxic fumes create a potential risk to life and equipment.

CHARACTERISTICS

Voltage Rating
450/750V

Temperature Rating
-15°C to +85°C

Minimum Bending Radius
6 x overall diameter

CONSTRUCTION

Conductor
Class 5 Flexible tinned copper conductor

Insulation
LSZH (Low Smoke Zero Halogen)

Screen
TCWB (Tinned Copper Wire Braid)

Sheath
LSZH (Low Smoke Zero Halogen)

Sheath Colour
● Black

DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/km	NOMINAL THICKNESS OF INSULATION mm	NOMINAL DIAMETER mm	NOMINAL WEIGHT kg/km
SE0875-5C	5	1.16	17.33	0.9	14.3	360
SE0875-10C	10	1.16	17.33	0.9	23.4	740

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 0875 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.



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™.



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.