

MR SE 1093 Signalling Cable (London Underground)



Eland Product Group:

APPLICATION

Single-core cable with dual-layered insulation designed for use in railway signalling applications.

CONSTRUCTION

Conductor

Class 2 stranded Tinned copper conductor

Insulation

EPR (Ethylene Propylene)

Sheath

LFH (Low Fire Hazard)

CABLE STANDARDS

MR-SE-1093

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 (U_o/U)

600/1000V

Operating Temperature

-15°C to +90°C

Minimum Bending Radius

2 x overall diameter

Insulation Identification

○ White

Sheath Colour

● Violet: 0.5mm²

● Red: 1mm²

DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NO. OF STRANDS	NOMINAL DIAMETER OF STRANDS mm	MAXIMUM DC RESISTANCE AT 20°C ohms/km	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
SE1093-1X0.5	1	0.5	7	0.3	36.7	2.4	9
SE1093-1X1	1	1	7	0.44	18.2	3	19

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.