

S1108 Trackfeeder Cable (London Underground)



Eland Product Group: A3TR

APPLICATION

Power cable forming part of a DC traction supply connecting the traction conductor rail or as a connector between two lengths of conductor rail.

CHARACTERISTICS

Voltage Rating

750V DC

Temperature Rating

-25°C to +85°C

Minimum Bending Radius

8 x overall diameter

CONSTRUCTION

Conductor

Class 2 stranded tinned copper conductor

Insulation

EPR (Ethylene Propylene Rubber)

Sheath

LSZH (Low Smoke Zero Halogen)

Sheath Colour

● Black ● Yellow Stripe

DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM DC RESISTANCE AT 20°C ohms/km	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3TR500LUL	1	500	0.0361	56	7300
A3TR630LUL	1	630	0.0286	59	8601
A3TR935LUL	1	935	0.0194	66	11400

ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm ²	CURRENT CARRYING CAPACITY Amps		SHORT CIRCUIT CURRENT RATING kA1sec
	Laid Direct on Ballast	In Ducts	
500	1160	770	72.9
630	1440	950	72.9
935	1770	1170	97.2

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.

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

S1108, EME SP 14 025, 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



FS 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 E34267

