



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

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

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECCE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



SCIENCE
BASED
TARGETS

**BUSINESS
AMBITION FOR 1.5°C**



REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].





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.