



NR/PS/ELP/21101 Trackfeeder Cable



Eland Product Group: A3T

APPLICATION

Provides the 650/750V DC supply from Traction Substations and Track Paralleling Huts to conductor rails, negative cable connections and where appropriate, bonding.

CHARACTERISTICS

Voltage Rating
750V

Temperature Rating
Fixed: -25°C to +85°C

Minimum Bending Radius
Aluminium conductor - Fixed: 10 x overall diameter
Copper conductor - Fixed: 8 x overall diameter

CONSTRUCTION

Conductor
Class 2 stranded aluminium or tinned copper conductor

Separator
PET (Polyethylene Terephthalate)

Sheath
CSP (Chlorosulphonated Polyethylene)

Sheath Colour
● Black

CABLE THIRD-PARTY ACCREDITATION



Network Rail (NR) certified and PADS listed as meeting the requirements for installation within their network

STANDARDS

NR/PS/ELP/21101, BS EN 60228

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE 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
AMBIITION FOR **1.5°C**



REGULATORY COMPLIANCE

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





DIMENSIONS

POSITIVE TRACK CABLES

ELAND PART NO.	NETWORK RAIL PART NO./ PADS	NOMINAL CROSS SECTIONAL AREA mm ²	CONDUCTOR MATERIAL	NO. OF STRANDS	NOMINAL DIAMETER OF STRANDS mm	NOMINAL DIAMETER OF CONDUCTOR mm	NOMINAL OVERALL DIAMETER mm	ASSIGNED CONTINUOUS CURRENT RATING Amps	NOMINAL WEIGHT kg/km
A3TR500	006/132840	500	Aluminium	61	3.2	28.8	40.2	800	2300
A3TR630CU	006/116612	630	Copper	127	2.52	32.8	44.2	1500	7020
A3TR1000	006/116610	1000	Aluminium	127	3.2	41.6	53	1500	4250

NEGATIVE TRACK CABLES

ELAND PART NO.	NETWORK RAIL PART NO./ PADS	NOMINAL CROSS SECTIONAL AREA mm ²	CONDUCTOR MATERIAL	NO. OF STRANDS	NOMINAL DIAMETER OF STRANDS mm	NOMINAL DIAMETER OF CONDUCTOR mm	NOMINAL OVERALL DIAMETER mm	ASSIGNED CONTINUOUS CURRENT RATING Amps	NOMINAL WEIGHT kg/km
A3TR150	006/116601	150	Aluminium	37	2.25	15.8	19.4	430	580
A3TR161CU	006/132340	161	Copper	91	1.53	16.8	24.8	550	1950
A3TR240	006/132990	240	Aluminium	61	2.25	20.3	28.3	550	1190
A3TR800	006/132991	800	Aluminium	127	2.85	37.1	48.5	1200	3500

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.