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
Uo/U
650/750V

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

STANDARDS

NR/PS/ELP/21101, BS EN 60228

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 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™.
### DIMENSIONS

#### POSITIVE TRACK CABLES

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NETWORK RAIL PART NO./PADS</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>CONDUCTOR MATERIAL</th>
<th>NO. OF STRANDS</th>
<th>NOMINAL DIAMETER OF STRANDS mm</th>
<th>NOMINAL DIAMETER OF CONDUCTOR mm</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>ASSIGNED CONTINUOUS CURRENT RATING Amps</th>
<th>NOMINAL WEIGHT kg/km</th>
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</thead>
<tbody>
<tr>
<td>A3TR500</td>
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<td>500</td>
<td>Aluminium</td>
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#### NEGATIVE TRACK CABLES

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<th>CONDUCTOR MATERIAL</th>
<th>NO. OF STRANDS</th>
<th>NOMINAL DIAMETER OF STRANDS mm</th>
<th>NOMINAL DIAMETER OF CONDUCTOR mm</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>ASSIGNED CONTINUOUS CURRENT RATING Amps</th>
<th>NOMINAL WEIGHT kg/km</th>
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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.