

Trackfeeder Cable

Eland Product Group **A3T**



Application

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

Standards

NR/PS/ELP/21101 (formerly RT/E/S/21101)

Technical Data

Conductor

Class 2 stranded aluminium or tinned copper to BS EN 60228:2005 (previously BS6360)

Voltage Rating

650/750V

Separator

PETP (Polyethylene Terephthalate)

Temperature Rating

-25 °C to +85°C

Sheath

CSP (Chlorosulphonated Polyethylene) Type RS4 to BS6899

Minimum Bending Radius

Aluminium conductor: 10 x overall diameter
Copper conductor: 8 x overall diameter

Sheath Colour

Black

Dimensions

Positive Track Cables

Eland Part Number	Rail Catalogue Number	Nominal Cross Sectional Area mm ²	Conductor Material	No. and Nominal Diameter of Strands #/mm	Nominal Diameter of Conductor mm	Nominal Overall Diameter mm	Assigned Continuous Current Rating Amps
A3TR1000	006/116610	1000	Aluminium	127/3.20	41.6	53.0	1500
A3TR630CU	006/116612	630	Copper	127/2.52	32.8	44.2	1500
A3TR500	006/132840	500	Aluminium	61/3.20	28.8	40.2	800

Negative Track Cables

Eland Part Number	Rail Catalogue Number	Nominal Cross Sectional Area mm ²	Conductor Material	No. and Nominal Diameter of Strands #/mm	Nominal Diameter of Conductor mm	Nominal Overall Diameter mm	Assigned Continuous Current Rating Amps
A3TR800	006/132991	800	Aluminium	127/2.85	37.1	48.5	1200
A3TR240	006/132990	240	Aluminium	61/2.25	20.3	28.3	550
A3TR161CU	006/132340	161	Copper	91/1.53	16.8	24.8	550
A3TR150	006/116601	150	Aluminium	37/2.25	15.8	19.4	430

The information contained within this datasheet is for guidance only. When selecting accessories such as cleats, glands, etc please note that actual cable dimensions may vary due to manufacturing tolerances.