

Trackfeeder Cable

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)

Conductor

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

Separator

PETP (Polyethylene Terephthalate)

Sheath

CSP (Chlorosulphonated Polyethylene)
Type RS4 to BS6899

Sheath Colour

Black

Voltage Rating

650/750V

Temperature Rating

-25°C to +85°C

Minimum Bending Radius

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

Dimensions

Positive Track Cables

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
006/116610	1000	Aluminium	127/3.20	41.6	53.0	1500
006/116612	630	Copper	127/2.52	32.8	44.2	1500
006/132840	500	Aluminium	61/3.20	28.8	40.2	800

Negative Track Cables

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
006/132991	800	Aluminium	127/2.85	37.1	48.5	1200
006/132990	240	Aluminium	61/2.25	20.3	28.3	550
006/132340	161	Copper	91/1.53	16.8	24.8	550
006/116601	150	Aluminium	37/2.25	15.8	19.4	430