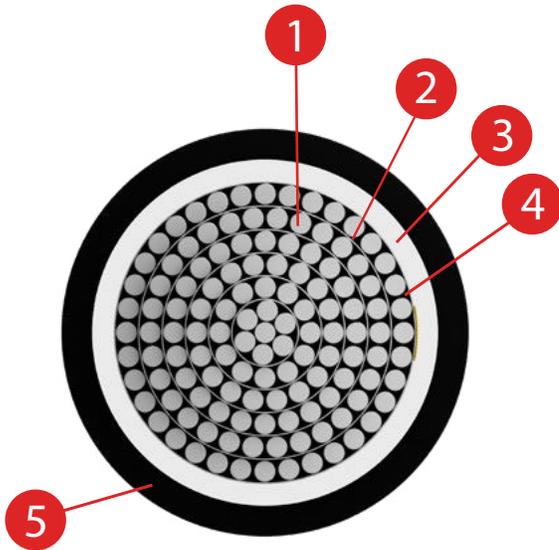


## 750V & 1500V DC TRACTION POWER CABLE

Single core dual layer rubber insulated & sheathed



### 1 Conductor

Stranded aluminium, Class 2, BS EN 602228

### 2 Water blocking tape

Water swellable polyester, non woven fabric tapes.

### 3 Insulation covering

Rubber G4 type

### 4 Identification tape

Property of Network Rail

### 5 Sheath

Rubber type RS4



Network Rail Full Certificate  
of Acceptance PA05/07386

### Cable sheath marking (printed)

TRATOS + ELECTRIC POWER CABLE + NR/L2/ELP/23002/MODULE2 +  
PROPERTY OF NETWORK RAIL + YEAR/BATCH + VOLTAGE GRADE + CSA/MM<sup>2</sup>

CONDUCTOR X SINGLE CORE						
Nominal cross section	mm <sup>2</sup>	150	240	500	800	1000
Tratos code		212981	212980	212979	212978	212977
PADS catalogue number		0086/002676	0086/002674	0086/002668	0086/002664	0086/002662
Code		Stranded circular non compacted aluminum class 2				
Conductor formation	mm	37/2.25	61/2.25	61/3.2	127/2.85	127/3.2
Nominal diameter	mm	16.5	21.3	29.8	38.2	42.6
Water blocking tape		Water blocking conductors with swellable polyester, non woven fabric tapes				
Max resistance at 20°C	Ω/km	0.206	0.125	0.0605	0.0367	0.0291
Identification tape		Internal marker tape, Property of Network Rail + Tratos + Year				
Insulation material		Ethylene Propylene Rubber (EPR) type GPS				
Nominal thickness	mm	1.0	1.4	2.0	2.0	2.0
Outer sheath material		Heavy duty oil resistant and flame retardant rubber type RS4. Minimum tear resistance of 7.5N/mm				
Nominal thickness	mm	2.0	4.0	5.7	5.7	5.7
Nominal outer diameter	mm	22.5	32.1	45.2	53.6	58.0
Max outer diameter	mm	24.5	34.1	50.0	59.0	63.0
Nominal weight	kg/metre	740	1430	3030	4040	4980
Min bending radius	mm	10x nominal outer diameter of the cable.				