Railway Power Cable - Aluminium, XLPE, PVC - 16mm² to 120mm²



Description

The rail power cables are most commonly used as the main power supply cable for signalling along the rail tracks. The aluminium conductors are generally used for primary and secondary power distribution conductors.

Key Features

Voltage Rating
600/1000 Volts

Minimum Bending Radius
10 x Overall Diameter

Temperature Limits
Temperature Range: -25°C to +90°C

Core Colours

2 core

Brown | Blue

4 core

Brown | Black | Grey | Blue

Standards

- BR880 06/142639"
- BS EN/IEC 60228

Construction

- **Conductor**: Class 1 Solid Aluminium
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Screen**: Aluminium / mylar foil tape screen
- **Separator**: Polyester Tape (PET)
- **Sheath**: Polyvinyl Chloride (PVC)
- **Sheath Colour**: Black

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

Railway Power Cable - Aluminium, XLPE, PVC - 16mm² to 120mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)	Rail Code	Gland Size
SAC2X16NA	16	3	14.3	420	6/142419	25
SAC2X25NA	25	3	16.6	455	6/142519	25
SAC2X35NA	35	3	18	525	6/142609	25
SAC2X50NA	50	3	20.4	620	6/142629	32
SAC2X70NA	70	2	22.8	840	6/142639	32
SAC4X70NA	70	4	30.6	1750	6/151469	40
SAC2X95NA	95	2	26.2	1020	6/142644	40
SAC4X95NA	95	4	35.5	2100	6/151494	M63
SAC4X120NA	120	4	38	2300	6/166820	M63

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