

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

4 core









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

QA Lab

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. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.







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.



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

ecovadis





















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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