

19/33kV Railway Power Cable - NR/PS/ELP/00008, XLPE, MDPE - 185mm to 300mm



Description Overview

Single core high voltage cable for distributing three phase AC electrical power to HV systems on electrified rail lines.

*Water blocking elements do not come as standard on this cable and must be requested on application. Water blocking components mentioned for information only.

Key Features



Voltage Rating
19/33kV



Minimum Bending Radius
15 x Overall Diameter



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

Core Colours

Should not be installed at temperatures below 0°C or above +60°C

Standards

- BS6622
- XLPE Insulation to BS7655-1-3
- Network Rail Specification NR/PS/ELP/00008
- IEC 60502-2
- BS EN/IEC 60228

Construction

- **Conductor:** Class 2 Stranded Plain Annealed Circular Compacted Copper Conductors OR Class 1 round solid aluminium conductor
- **Conductor Screen:** Semi-Conductive material
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Semi-Conductive (XLPE)
- **Water Blocking:** Semi-conductive swellable tape
- **Screen:** Copper Wires & Helical Equalising Copper Tape
- **Radial Water Blocking:** Non Conductive Water Blocking Tape

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.



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

ecovadis

19/33kV Railway Power Cable - NR/PS/ELP/00008, XLPE, MDPE - 185mm to 300mm - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
33KVAL1X185/122514	185	1	53.2	2180
33KVAL1X240/122517	240	1	47.7	2400
33KVC11X300/122511	300	1	57.9	4500

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