

Northern Powergrid Approved (NPG) Single Core Cable - 33kV, XLPE, MDPE - 500mm² to 800mm²



Description

Medium voltage single core copper power cable manufactured to Northern Powergrid (NPG) requirements. Produced by G81-approved suppliers, this 33kV XLPE insulated, MDPE sheathed cable is intended for electricity distribution applications, providing compliant connections between existing networks and new sub-main developments across NPG-operated systems.

Key Features



Voltage Rating
19/33 (36)kV



Temperature Limits
Temperature Range: 0°C to +90°C

Core Colours

Black

Standards

- BS 7870-4.10
- ES 02-0940

Construction

- **Conductor:** Class 2 stranded copper conductor
- **Conductor Screen:** Bonded semi conductive material
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Semi-Conductive material
- **Metallic Screen:** Copper wires with equalising tape
- **Separator:** Binding Tape
- **Outer Sheath:** Medium Density Polyethylene (MDPE)
- **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.



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

Northern Powergrid Approved (NPG) Single Core Cable - 33kV, XLPE, MDPE - 500mm² to 800mm² - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
NPG33KV1X500	500	1	54.00	6205
NPG33KV1X630	630	1	58.00	7580
NPG33KV1X800	800	1	66.00	9425

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