

Electricity NorthWest Approved Single Core Cable (ENW) - 33kV, XLPE, MDPE - 300mm² to 800mm²



Description

Medium voltage single core aluminium power cable manufactured to Electricity North West (ENW) specifications. Supplied by G81-approved manufacturers, this 33kV XLPE insulated, MDPE sheathed cable with a 35mm copper wire screen is designed for use in electricity distribution systems, enabling compliant connections between existing networks and new sub-main developments within ENW infrastructure.

Key Features



Voltage Rating
19/33 (36)kV



Minimum Bending Radius
20x Overall Diameter



Temperature Limits
Maximum conductor temp: 90°C
Maximum operating temp: 130°C
Short Circuit temp: 250°C

Core Colours

black

Standards

- BS EN/IEC 60228
- AD7 & AD8 water resistance available.
- BS 7870-4.10

Construction

- **Conductor:** Class 2 Stranded Aluminium Conductor
- **Conductor Screen:** Bonded semi conductive material
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Semi-Conductive material
- **Screen:** Copper wires and copper 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

Electricity NorthWest Approved Single Core Cable (ENW) - 33kV, XLPE, MDPE - 300mm² to 800mm² - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
ENW33KV1X300AL	300	1	49.00	2500
ENW33KV1X500BK	500	1	57.00	3230
ENW33KV1X630BK	630	1	58.00	3680
ENW33KV1X800BK	800	1	64.00	4455

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