

Scottish Power Energy Networks (SPEN) Approved Single Core Power Cable - 33kV, XLPE, MDPE - 150mm² to 400mm²



Description

Medium voltage single core aluminium power cable designed to meet Scottish Power Energy Networks (SPEN) technical requirements. Manufactured by G81-accredited suppliers, this 33kV XLPE insulated, MDPE sheathed cable is intended for use within electricity distribution networks, providing compliant connections between existing grid infrastructure and new sub-main developments.

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 Aluminium Conductor
- **Conductor Screen:** Bonded semi conductive material
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Semi conducting compound
- **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



Scottish Power Energy Networks (SPEN) Approved Single Core Power Cable - 33kV, XLPE, MDPE - 150mm² to 400mm² - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
SPEN33KV1X150	150	1	43.00	1900
SPEN33KV1X240	240	1	46.00	2290
SPEN33KV1X400	400	1	52.00	2910

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