

# SSE Approved Power Cable Single Core - 33kV, XLPE, MDPE - 300mm<sup>2</sup> to 800mm<sup>2</sup>



## Description

Medium voltage single core aluminium power cable approved to Scottish & Southern Electricity (SSE) specifications. Produced by G81-accredited manufacturers, this 33kV XLPE insulated, MDPE sheathed cable is intended for electricity distribution applications, providing compliant connections between existing networks and new sub-main developments within SSE-operated systems.

## Key Features



**Voltage Rating**  
19/33 (36)kV



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

## Core Colours

Black

## Standards

- IEC 60502-1
- 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
- **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

## SSE Approved Power Cable Single Core - 33kV, XLPE, MDPE - 300mm<sup>2</sup> to 800mm<sup>2</sup> - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
SSE33KVMDPE1X300BK	300	1	47.00	2250
SSE33KVMDPE1X400BK	400	1	50.00	2280
SSE33KVMDPE1X500BK	500	1	53.00	3020
SSE33KVMDPE1X630BK	630	1	57.00	3580
SSE33KVMDPE1X800BK	800	1	61.00	4060

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