

DC single core aluminium XLPE MDPE power cable



Description

Single core class 2 aluminium power cable for use in low voltage DC power distribution systems with nominal voltage of 750V/1000v (1.2kV DC). They come in 2 variants, black, or black with a red stripe for easy identification.

Key Features



Voltage Rating
600/1000 Volts AC
1.2 KV DC



Minimum Bending Radius
15 x Overall Diameter



Temperature Limits
Maximum operating temperature of conductor: +90°C
Maximum short-circuit temperature up to 5 sec: +250°C

Core Colours

Sheath identification

1 Core: Black

1 Core: Black with Red stripe

Standards

- BS EN/IEC 60502-1
- BS EN/IEC 60228

Construction

- **Conductor:** Class 2 Stranded Aluminium Conductor
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Sheath:** Medium Density Polyethylene (MDPE)

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

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DC single core aluminium XLPE MDPE power cable - Dimensions

Reference	Conductor Size (mm2)	Sheath Thickness (mm)	Nominal Conductor Diameter	Minimum Bending Radius	Overall Diameter(mm)	Weight(Kg/Km)
NA2MDPE1X400	400	1.32	27.8	456	30.4	1320

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