Aluminium HEPR/PO LSZH 1kV Turbine Power Cable



Description

Double insulated, Lightweight LSZH aluminium single core cables . This Oil, ozone and UV Resistant cable is used extensively in the renewables industries for routing of power inside wind turbine towers

Key Features

Voltage Rating
600/1000 Volts

Minimum Bending Radius
6 x overall diameter

Flame Retardancy
BS EN/IEC 60332-1

Temperature Limits
Temperature Range: -40°C to +90°C
Maximum Short Circuit Temperature: +250°C

Standards

- IEC 60502-1
- BS EN/IEC 60332-1
- BS EN/IEC 60228
- BS EN/IEC 60754-1
- BS EN/IEC 61034
- BS EN/IEC 60332-3

Construction

- **Conductor**: Class 2 Stranded Aluminium Conductor
- **Insulation**: Hard Ethylene Propylene Rubber (HEPR)
- **Inner Sheath**: Rubber Compound
- **Outer Sheath**: Polyolefin (PO)
- **Sheath Colour**: Black

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

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.

ISO/IEC 17025 Accredited Testing Laboratory
31196

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.

CLEVELAND CABLE COMPANY

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

Aluminium HEPR/PO LSZH 1kV Turbine Power Cable - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
AL/HEPR/PO/ZH1kV1X50	50	1	13.0	270
AL/HEPR/PO/ZH1kV1X70	70	1	15.5	355
AL/HEPR/PO/ZH1kV1X95	95	1	17.0	455
AL/HEPR/PO/ZH1kV1X120	120	1	18.5	560
AL/HEPR/PO/ZH1kV1X150	150	1	20.5	690
AL/HEPR/PO/ZH1kV1X185	185	1	23.0	850
AL/HEPR/PO/ZH1kV1X240	240	1	26.5	1085
AL/HEPR/PO/ZH1kV1X300	300	1	30.0	1300
AL/HEPR/PO/ZH1kV1X400	400	1	33.0	1690

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