Aluminium XL-EVA LSZH 1kV Turbine Tower Cable



Description

Class 2 aluminium with ethylene propylene rubber (EPR) insulation and a cross linked ethylene vinyl acetate (XL-EVA) outer sheath. This is a wind turbine power cable designed to be installed inside a turbine tower and is UV, ozone, water & oil resistant.

Key Features

Voltage Rating
600/1000 Volts

Minimum Bending Radius
6 x overall diameter

Flame Retardancy
BS EN/IEC 60332-1
BS EN/IEC 60332-3

Temperature Limits
Temperature Range: -40 to 90°C

Core Colours

Black

Standards

- IEC 60502-1
- IEC 60228
- IEC 60754-1
- IEC/EN 61034-1/2,
- BS EN/IEC 60332-1
- BS EN / IEC 60332-3

Construction

- **Conductor**: Class 2 Stranded Aluminium Conductor
- **Insulation**: Ethylene Propylene Rubber (EPR)
- **Metallic Screen**: Tinned Copper Wire Braid (TCWB)
- **Outer Sheath**: Cross-linked Ethylene-Vinyl Acetate (XL-EVA)
- **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.

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

Aluminium XL-EVA LSZH 1kV Turbine Tower Cable - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
ALEPRSCRXLEVA1X150	150	1	22.5	650
ALEPRSCRXLEVA1X185	185	1	25.0	775
ALEPRSCRXLEVA1X240	240	1	28.0	995
ALEPRSCRXLEVA1X300	300	1	31.0	1225
ALEPRSCRXLEVA1X400	400	1	36.0	1550

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