

EVA LSZH Torsion Resistant 1.8/3kV Turbine Cable



Description

3kV LSZH power cable. Specifically designed for wind turbines, for transmitting power between turbine generator and the transformer at the base of the tower. The cable is manufactured to meet the torsional stresses associated with wind turbines.

Key Features



Torsion Resistance
 $\pm 180^\circ/\text{m}$



Voltage Rating
1.8/3kV



Minimum Bending Radius
6 x overall diameter



Flame Retardancy
BS EN/IEC 60332-3



Temperature Limits
Temperature Range: -40°C to +125°C

Standards

- IEC 60502
- BS EN/IEC 60228
- BS EN/IEC 61034
- CSA C22.2
- BS EN/IEC 60754
- BS EN/IEC 60332-3

Construction

- **Conductor:** Class 5/6 Flexible Stranded Tinned Copper
- **Insulation:** Ethylene Propylene Rubber (EPR)
- **Outer Sheath:** Halogen Free Cross-linked Ethylene-Vinyl Acetate (HF XL-EVA)
- **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

EVA LSZH Torsion Resistant 1.8/3kV Turbine Cable - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
CU/EPR/XLEVA/3kV1X25	25	1	13.0	520
CU/EPR/XLEVA/3kV1X35	35	1	14.5	675
CU/EPR/XLEVA/3kV1X50	50	1	17.0	850
CU/EPR/XLEVA/3kV1X70	70	1	19.0	1120
CU/EPR/XLEVA/3kV1X95	95	1	22.0	1530
CU/EPR/XLEVA/3kV1X120	120	1	24.0	1895
CU/EPR/XLEVA/3kV1X150	150	1	27.0	2525
CU/EPR/XLEVA/3kV1X185	185	1	30.5	3580
CU/EPR/XLEVA/3kV1X240	240	1	32.5	3550
CU/EPR/XLEVA/3kV1X300	300	1	35.0	4020
CU/EPR/XLEVA/3kV1X400	400	1	40.0	5660

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