Torsion Resistant LSZH 1kV Turbine Power Cable

Eland Product Group: B9C

APPLICATION
LSZH Power cable with increased tolerance to torsion application and offering oil, UV and ozone resistance. Specifically designed for torsion applications in wind turbines and suitable for transmit energy from the generator to the transformer.

CHARACTERISTICS
Rated Voltage Uo/U
0.6/1kV
Temperature Rating
-40°C +90°C
Minimum Bending Radius
6x Overall Diameter
Torsion Resistance
± 144°/m

CONSTRUCTION
Conductor
Cass 5/Class 6 Stranded Tinned Copper
Insulation
EPR (Ethylene Propylene Rubber)
Sheath
HF-XLEVA (Halogen Free Cross-linked Ethylene-Vinyl Acetate)
Sheath Colour
Black

DIMENSIONS

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<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTION AREA mm²</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>NOMINALWEIGHT kg/100m</th>
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STANDARDS
IEC 60502-1, IEC 60228, CSA C22.2
Flame retardant according to IEC 60332-1, IEC 60332-3 Low Smoke Zero Halogen according to IEC 60754, IEC 61034

THE CABLE LAB®
AN ISO/IEC 17025 AND IECCE CBTL ACCREDITED FACILITY
Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.

SUSTAINABILITY COMMITMENT
We are on a journey to Net Zero.
We’ve committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we’re a signatory to the United Nations Global Compact Sustainable Development Goals.
Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability

REGULATORY COMPLIANCE
This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.

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