Torsion Resistant Loop Screened LSZH 1kV Turbine Cable

Eland Product Group: B9D

APPLICATION
Torsion resistant loop screened power cables are designed for special application conditions in wind turbines where under medium mechanical stress and for operation outdoors or under permanent influence of seawater. Oil, UV, Ozone resistant.

CHARACTERISTICS
Rated Voltage U0/U 0.6/1kV
Temperature Rating
Fixed: -40°C +90°C
Flexed: -35°C +90°C
Minimium Bending Radius
Fixed: 4x Overall Diameter
Flexing: 6x Overall Diameter
Torsion Resistance
± 100°/m
Maximum Tensile Load
15N/mm² (in operation)

CONSTRUCTION
Conductor
Stranded bare copper
Insulation
EPR (Ethylene Propylene Rubber)
Screen
TWCB (Tinned wire copper braid)
Sheath
HF-EVA (Halogen Free Ethylene-Vinyl Acetate)
Sheath Colour
● Black

STANDARDS
IEC 60502-1, IEC 60228, EN 50363, HD 22.13,
Flame retardant according to IEC 60332-1
Low Smoke Zero Halogen according to IEC 60754, IEC 61034

THE CABLE LAB®
AN ISO/IEC 17025 AND IECCEE 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.

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™.

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

DIMENSIONS

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