Aluminium XL-EVA LSZH 1kV Turbine Tower Cable

Eland Product Group: B9E

APPLICATION
Single core lightweight aluminium conductor turbine power cable with durable halogen-free sheathing for installation inside turbine towers. UV, ozone, water & oil resistant.

CHARACTERISTICS
Rated Voltage Uo/U
0.6/1kV
Temperature Rating
-40°C +90°C
Minimum Bending Radius
6x Overall Diameter
Maximum Tensile Load
15N/mm²

CONSTRUCTION
Conductor
Class 2 stranded Aluminium
Insulation
EPR (Ethylene Propylene Rubber)
Screen
TWCB (Tinned wire copper braid)
Sheath
XL-EVA (cross-linked Ethylene-Vinyl Acetate)
Sheath Colour
● Black

STANDARDS
IEC 60502-1, IEC 60228
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 IEC EE 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

DIMENSIONS

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<tr>
<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTION AREA mm²</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
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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™.