

EVA LSZH Torsion Resistant 1.8/3kV Turbine Cable



Eland Product Group: B9J

APPLICATION

3kV LSZH power cable for applications under torsional stresses. Specifically designed for wind turbines, for transmitting power from generator to transformer at the base of the tower.

CHARACTERISTICS

Rated Voltage Uo/U
1.8/3kV

Temperature Rating
-40°C +125°C

Minimum Bending Radius
6x Overall Diameter

Torsion Application
±180°/m

CONSTRUCTION

Conductor
Class 5/6 Flexible Stranded Tinned Copper

Insulation
EPR (Ethylene Propylene Rubber)

Outer Sheath
HF XL-EVA (Halogen Free Cross-linked Ethylene-Vinyl Acetate)

Sheath Colour
● Black

DIMENSIONS

ELAND PART NUMBER	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA SIZE mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
B9J01025BK	1	25	12.9	516
B9J01035BK	1	35	14.3	670
B9J01050BK	1	50	16.5	840
B9J01070BK	1	70	18.6	1112
B9J01095BK	1	95	21.6	1520
B9J01120BK	1	120	23.7	1880
B9J01150BK	1	150	26.2	2513
B9J01185BK	1	185	29.9	3272
B9J01240BK	1	240	32.1	3534
B9J01300BK	1	300	34.5	4020
B9J01400BK	1	400	39.3	5640

STANDARDS

IEC 60502, IEC 60228,
Flame retardant according to IEC 60332-3, CSA C22.2
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, the RoHS Directive 2015/85/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab®.

