

S-3GSHXOEU HFFR 1kV Turbine Cable



Eland Product Group: B9H

APPLICATION

Halogen free, flame retardant EVA sheathed cables designed for use under medium mechanical stress in wind turbines.

CHARACTERISTICS

Rated Voltage U₀/U (Um)
600/1000V

Temperature Rating
-40°C +90°C

Minimum Bending Radius
Fixed: 4x Overall Diameter
Flexed: 6x Overall Diameter

CONSTRUCTION

Conductor
Class 5 Flexible Stranded Bare Copper

Insulation
Rubber compound

Outer Sheath
EVA (Ethylene-Vinyl Acetate)

Sheath Colour
● Black

STANDARDS

UL758, DIN VDE 0250, DIN VDE 0282, IEC 60228

Flame retardant according to IEC 60332-1
Low Smoke Halogen Free according to IEC 60754, IEC 61034

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE 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 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].





DIMENSIONS

ELAND PART NUMBER	NUMBER OF CORES	NOMINAL CROSS-SECTION MM	NOMINAL OVERALL DIAMETER MM	NOMINAL WEIGHT KG/KM
B9H01025BK	1	25	13.0	364
B9H01035BK	1	35	15.0	491
B9H01050BK	1	50	17.0	682
B9H01070BK	1	70	19.5	936
B9H01095BK	1	95	21.5	1209
B9H01120BK	1	120	24.0	1487
B9H02010BK	2	10	18.5	560
B9H030015BK	3	1.5	10.3	142
B9H030025BK	3	2.5	12.5	217
B9H030040BK	3	4	14.5	313
B9H030060BK	3	6	15.5	407
B9H03010BK	3	10	20.0	688
B9H03016BK	3	16	23.0	946
B9H03025BK	3	25	28.0	1416
B9H03035BK	3	35	31.5	1894
B9H03050BK	3	50	36.0	2564
B9H03070BK	3	70	41.5	3466
B9H03095BK	3	95	47.5	4580
B9H03120BK	3	120	51.0	5517
B9H040015BK	4	1.5	11.3	182
B9H040025BK	4	2.5	13.0	265
B9H040040BK	4	4	15.5	383
B9H040060BK	4	6	17.5	514
B9H04010BK	4	10	22.0	642
B9H04016BK	4	16	26.0	1242
B9H04025BK	4	25	30.5	1746
B9H04035BK	4	35	34.5	2338
B9H04050BK	4	50	40.0	3236
B9H04070BK	4	70	46.5	4504
B9H050015BK	5	1.5	12.5	224
B9H050025BK	5	2.5	14.5	326
B9H05010BK	5	10	25.5	1095
B9H05016BK	5	16	28.5	1501
B9H05025BK	5	25	34.0	2173
B9H05035BK	5	35	38.0	2849
B9H05050BK	5	50	44.0	3941
B9H05070BK	5	70	51.0	5515