S-3GSHXOEU HFFR 1kV Turbine Cable



Description

S-3GSHXOEU is a halogen free / fire resistant (HFFR) multi core copper cable with rubber insulation which is extensively used in the renewable energy sector in wind turbines. The cable is manufactured to withstand medium mechanical stress. The EVA outer sheath provides oil and chemical resistance, is UV resistant and has excellent flexibility. The high resistance to ozone and weathering and robust mechanical and chemical protection to the inner conductors make it ideal for outdoor use in wind turbines and other harsh environmental applications.

Key Features

Voltage Rating
600/1000 Volts

Minimum Bending Radius
Fixed: 4 x overall diameter
Flexing: 6 x overall diameter

Flame Retardancy
BS EN/IEC 60332-1

Temperature Limits
Temperature Range: -40°C to +90°C

Standards

- UL-758
- BS EN/IEC 60332-1
- BS EN/IEC 60228
- BS EN/IEC 61034
- BS EN/IEC 60754
- DIN VDE 0250
- DIN VDE 0282

Construction

- **Conductor**: Class 5 flexible, stranded copper
- **Insulation**: Rubber Compound
- **Outer Sheath**: Ethylene-Vinyl Acetate (EVA)
- **Sheath Colour**: Black

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory
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CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

S-3GSHXOEU HFFR 1kV Turbine Cable - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Overall Diameter(Upper)	Weight(Kg/Km)
S3GSHXOEUHFFR3X1/5	1.5	3	10.5	145
S3GSHXOEUHFFR4X1/5	1.5	4	11.5	185
S3GSHXOEUHFFR5X1/5	1.5	5	13.0	225
S3GSHXOEUHFFR3X2/8	2.5	3	12.5	220
S3GSHXOEUHFFR4X2/5	2.5	4	13.0	265
S3GSHXOEUHFFR5X2/5	2.5	5	15.0	330
S3GSHXOEUHFFR3X4	4	3	14.5	315
S3GSHXOEUHFFR4X4	4	4	16.0	385
S3GSHXOEUHFFR3X6	6	3	16.0	415
S3GSHXOEUHFFR4X6	6	4	18.0	520
S3GSHXOEUHFFR210	10	2	19.0	575
S3GSHXOEUHFFR3X10	10	3	20.5	675
S3GSHXOEUHFFR4X10	10	4	23.0	650
S3GSHXOEUHFFR5X10	10	5	26.0	1100
S3GSHXOEUHFFR3X16	16	3	23.5	950
S3GSHXOEUHFFR4X16	16	4	26.5	1250
S3GSHXOEUHFFR5X16	16	5	29.0	1500
S3GSHXOEUHFFR1X25	25	1	13.0	365
S3GSHXOEUHFFR3X25	25	3	28.0	1420
S3GSHXOEUHFFR4X25	25	4	31.0	1750
S3GSHXOEUHFFR5X25	25	5	35.0	2280
S3GSHXOEUHFFR1X35	35	1	15.0	495
S3GSHXOEUHFFR3X35	35	3	32.0	1900
S3GSHXOEUHFFR4X35	35	4	35.0	2340
S3GSHXOEUHFFR5X35	35	5	39.0	2850
S3GSHXOEUHFFR1X50	50	1	17.0	685
S3GSHXOEUHFFR3X50	50	3	36.5	2570
S3GSHXOEUHFFR4X50	50	4	41.0	3230
S3GSHXOEUHFFR5X50	50	5	44.0	3950
S3GSHXOEUHFFR1X70	70	1	20	940
S3GSHXOEUHFFR3X70	70	3	41.5	3470
S3GSHXOEUHFFR4X70	70	4	46.5	4500
S3GSHXOEUHFFR5X70	70	5	52.0	5525
S3GSHXOEUHFFR1X95	95	1	22.0	1220
S3GSHXOEUHFFR3X95	95	3	48.0	4590
S3GSHXOEUHFFR1X120	120	1	25.0	1500
S3GSHXOEUHFFR3X120	120	3	51.5	5530

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