S-3GSHXOEU HFFR 0.6/1 kV & UL 1000V 90°C

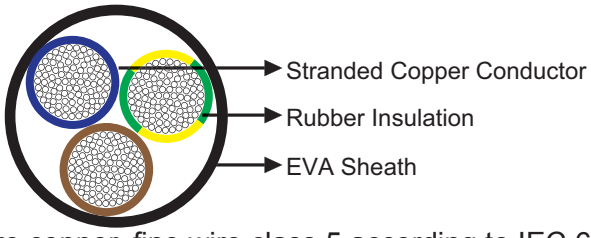
» Application

These cables are designed for use at medium mechanical stresses in wind turbines.

» Standards

UL 758
DIN VDE 0250
DIN VED 0282

» Construction



Conductor: Stranded bare copper, fine wire class 5 according to IEC 60228 / DIN EN 60228.
Insulation: Rubber compound.
Sheath: EVA.

» Technical Data

Rated Voltage Uo/U (Um)	600/1000V (DIN VDE 0250)/ 1000V (AWM 758)
Operating Temperatures	-40℃~+90℃
Minimum Bending Radius	flexing: 6×OD; fixed: 4×OD
Short-circuit Temperature	250℃
Flame Retardant	IEC 60332-1
Halogen Free	EN 50267-2-1/IEC 60754
Corrosive Gases	DIN EN 50267-2
Smoke Density	IEC 61034
Oil Resistant	Yes
Cooling Fluid Resistance	Yes
Ozone Resistant	Yes
UV Resistant	Yes

» Dimensions and Weight

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm²	mm	kg/km
3×1.5	10.3	142
4×1.5	11.3	182
5×1.5	12.5	224
3×2.5	12.5	217
4×2.5	13.0	265
5×2.5	14.5	326
3×4	14.5	313
4×4	15.5	383
3×6	15.5	407
4×6	17.5	514
2×10	18.5	560
3×10	20.0	688
4×10	22.0	642
5×10	25.5	1095
3×16	23.0	946
4×16	26.0	1242
5×16	28.5	1501
1×25	13.0	364
3×25	28.0	1416
4×25	30.5	1746
5×25	34.0	2173
1×35	15.0	491
3×35	31.5	1894
4×35	34.5	2338
5×35	38.0	2849
1×50	17.0	682
3×50	36.0	2564
4×50	40.0	3236
5×50	44.0	3941
1×70	19.5	936
3×70	41.5	3466
4×70	46.5	4504
5×70	51.0	5515
1×95	21.5	1209
3×95	47.5	4580
1×120	24.0	1487
3×120	51.0	5517