



LiHH Multicore Halogen-free Data Cable

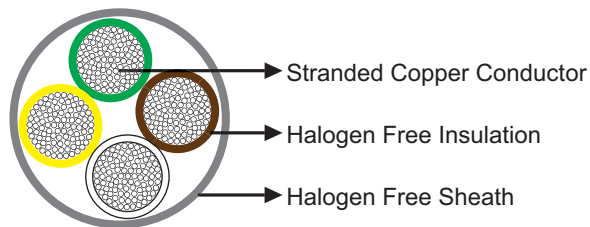
» Application

These halogen-free cables are designed for special purpose of data transmission in wind turbines, suitable for indoor and outdoor installation.

» Standards

VDE 0812

» Construction



Conductor: Stranded bare copper.

Insulation: Halogen free compound.

Sheath: Halogen free compound.

» Technical Data

Rated Voltage U ₀ /U (U _m)	250V
Operating Temperatures	flexing: -5°C~+70°C; fixed: -40°C~+70°C
Minimum Bending Radius	flexing: 10×OD; fixed: 7.5×OD
Flame Retardant	DIN VDE 0482 part 265-2-1/EN 50265-2-1/IEC 60332-3
Gases Corrosively	VDE 0482 part 267/DIN EN 50267-2-2/IEC 60754
Halogen Free	VDE 0482 part 267/DIN EN 50267-2-1/IEC 60754
Oil Resistant	Yes



Data Cable

» Dimensions and Weight

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm ²	mm	kg/km
2×0.14	3.4	12
3×0.14	3.6	15
4×0.14	3.8	17
5×0.14	4.1	22
6×0.14	4.4	25
7×0.14	4.4	26
8×0.14	5.1	29
10×0.14	5.4	35
12×0.14	5.8	43
20×0.14	7.2	71
25×0.14	8.0	91
2×0.25	4.0	22
3×0.25	4.2	25
4×0.25	4.5	28
5×0.25	4.9	34
6×0.25	5.3	39
7×0.25	5.3	42
8×0.25	6.4	50
10×0.25	7.0	60
12×0.25	7.2	67
16×0.25	7.9	85
2×0.34	4.4	28
3×0.34	4.6	30
4×0.34	5.0	40
5×0.34	5.7	44
7×0.34	6.1	60
10×0.34	7.8	80
12×0.34	8.0	97
3×2×0.34	7.4	49
4×2×0.34	8.1	60
2×0.5	4.9	31
3×0.5	5.2	37
4×0.5	5.8	45
5×0.5	6.3	58
7×0.5	7.0	72
12×0.5	9.1	117
21×0.5	11.5	176
2×0.75	5.3	41



Caledonian Windmill Cables

Data Cable

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
4×0.75	6.3	60
5×0.75	7.1	70
7×0.75	7.7	85
12×0.75	10.4	165
3×1	6.1	57
4×1	6.6	67
3×1.5	7.4	72
4×1.5	8.0	87
5G1.5	8.4	118
7G1.5	9.1	150
5G2.5	10.5	198

