



### LiHCH Multicore Halogen-free Data Cable

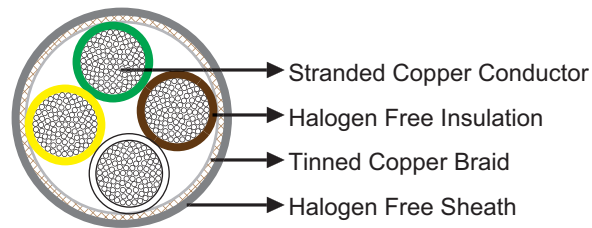
#### » Application

These screened, 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.

**Screen:** Tinned copper wire braid.

**Sheath:** Halogen free compound.

#### » Technical Data

Rated Voltage U <sub>o</sub> /U (Um)	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 60332-1
Halogen Free	VDE 0482 part 267/DIN EN 50267-2-1/IEC 60754
Gases Corrosively	VDE 0482 part 267/DIN EN 50267-2-2/IEC 60754
Oil Resistant	Yes



### » Dimensions and Weight

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm <sup>2</sup>	mm	kg/km
2×0.14	4.1	22
3×0.14	4.3	25
4×0.14	4.5	29
6×0.14	5.1	35
7×0.14	5.1	38
8×0.14	6.0	41
12×0.14	6.5	78
16×0.14	7.2	90
25×0.14	8.7	149
2×0.25	4.7	25
3×0.25	4.9	30
4×0.25	5.2	35
6×0.25	6.2	49
7×0.25	6.2	52
8×0.25	7.3	58
10×0.25	7.7	81
25×0.25	10.9	172
2×0.34	5.1	30
3×0.34	5.3	35
4×0.34	5.9	42
5×0.34	6.4	53
7×0.34	7.0	73
8×0.34	8.0	84
10×0.34	8.5	101
16×0.34	9.6	160
25×0.34	12.1	259
2×0.5	5.8	38
3×0.5	6.1	47
4×0.5	6.5	67
5×0.5	7.2	76
6×0.5	7.8	84
7×0.5	7.8	91
8×0.5	8.9	131
10×0.5	9.5	135
12×0.5	9.8	177
18×0.5	11.7	239
25×0.5	13.9	352
2×0.75	6.2	45



## Data Cable

Construction No. of cores×mm <sup>2</sup>	Nominal Overall Diameter mm	Nominal Weight kg/km
3×0.75	6.5	69
4×0.75	7.2	80
5×0.75	7.8	99
7×0.75	8.3	120
12G0.75	10.7	168
18G0.75	12.4	237
2×1	6.5	72
3×1	7.0	90
4×1	7.5	109
7×1	8.8	171
10×1	11.2	184
12G1	11.3	205
16×1	12.5	250
19G1	13.1	291
2×1.5	7.7	90
3×1.5	8.1	115
5×1.5	9.5	176
12G1.5	13.0	271
18G1.5	15.5	400
15G2.5	19.8	587

