



LSOH Screened Torsion Resistant Loop Cable 0.6/1kV

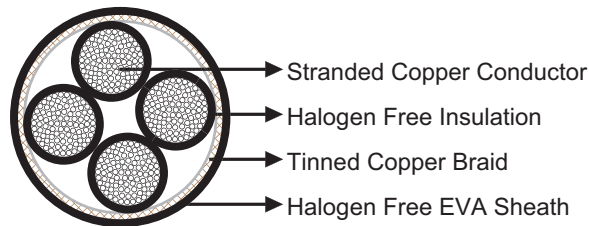
» Application

These cables are designed for special application condition in wind turbines, special for medium mechanical stress and for operation under permanent influence of seawater and usage outdoor.

» Standards

IEC 60502
EN 50363
HD 22.13

» Construction



Conductor: Stranded bare copper conductor.

Insulation: Extruded halogen free rubber compound EI8.

Screen: Tinned wire copper braid.

Sheath: Extruded halogen free EVA compound EM8.

» Technical Data

Rated Voltage U _o /U (U _m)	0.6/1 kV
Operating Temperatures	flexing: -35°C~+90°C; fixed: -40°C~+90°C
Minimum Bending Radii	flexing: 6×OD; fixed: 4×OD
Torsion Application	± 100 °/m
Maximum Permissible Tensile Load	15 N/mm ² (in operation)
Short-circuit Temperature	250°C
Flame Retardant	EN 50265-2-1
Halogen Free	IEC 60754
Smoke Density	IEC 61034



Caledonian Windmill Cables

Power Cable

Oil Resistant	Yes
Ozone Resistant	Yes
Silicone Free	Yes

» Dimensions and Weight

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
25×0.75	18.0	500
25×1	20.0	550
4×1.5	10.0	150
12×1.5	16.0	400
32×1.5	26.0	950
42×1.5	35.0	1700
12×2.5	23.0	620
5×2.5	15.0	300
4×4	13.5	300

