



CONTACT

Market information
industryprojects.business@lynxéo
ogroup.com

Torsion resistant low-voltage cable for free hanging of max. 100 m

STANDARDS

Product EN 50363; HD 22-13; IEC 60228; IEC 60502

APPLICATIONS

Low-voltage loop cable WINDLINK LV-RS (N)HXCSLOE was developed for special application condition in wind turbines. The construction is torsion resistant by free hanging of max.100 m. These cables are specified for medium mechanical stress and for operation under permanent influence of sea water and usage outdoor.

Resistance to

- permanent movement
- permanent vibrations
- compressive stress
- oil, EN60811-2-1, ASTM No.2, 24 h at 100 °C
- low smoke, IEC 61034, >50 %
- halogen-free IEC 60754
- permanent influence of seawater
- ozone influence, EN 60811-2-1 clause 8
- suitable for torsion of max. 6 counterclockwise rotations and min. free hanging up from 25 m

Design

Core

Conductor

- Copper, plain, flexible concentrically stranded circular

Insulation

- Extruded halogen-free rubber compound EI8 acc. to EN 50363-5

Screen

- Tinned wire copper braid, covering min. 80 %

Outer Sheath

- Extruded halogen-free EVA compound EM8 acc. to EN 50363-6

CHARACTERISTICS

Construction characteristics

Conductor material	-
Conductor flexibility	-
Insulation	-
Outer sheath	-
Sheath colour	-
Halogen free	-
Overall screen	-
With Green/Yellow core	-

Dimensional characteristics

Number of cores	-
Conductor cross-section	- mm ²
Copper content	- kg/km
Nominal outer diameter	- mm
Approximate weight	- kg/km

Electrical characteristics

Rated Voltage U _o /U (U _m)	-
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Usage characteristics

Flame retardant	-
Silicone free	-
RoHS compliant	-
Max. conductor temperature in service	- °C
Weather resistance	-
Short-circuit max. conductor temperature	- °C

SELLING AND DELIVERY INFORMATION

Inkjet marking e.g.: WINDLINK LV-RS (N)HXCSLOE 0.6/1 kV | NEXANS I