



Country Ref.: 71320717

## CONTACT

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**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****Caratteristiche costruttive**

Materiale del conduttore	Rame ricotto liscio
Flessibilità del conduttore	Flessibile classe 5
Isolamento	Composto senza alogeni
Guaina esterna	Mescola di gomma
Colore della guaina esterna	Nero
Senza alogeno	IEC 60754-2
Con anima giallo/verde (terra)	N
Schermo Collettivo	

**Caratteristiche dimensionali**

Numero di anime	2
Sezione del conduttore del cavo	6 mm <sup>2</sup>
Quantitativo rame	- kg/km
Diametro esterno nominale del cavo	16,0 mm
Peso approssimativo del cavo	350 kg/km

**Caratteristiche elettriche**

Tensione nominale U <sub>o</sub> /U (Um)	0,6/1 kV
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**Caratteristiche d'utilizzo**

Ritardante la fiamma	EN 50265-2-1
Privo di silicone	Si
Conforme RoHS (2002/95/CE)	Si
Temperatura massima di servizio del conduttore	90 °C
Resistenza alle intemperie	Eccellente
Temperatura massima di cortocircuito del conduttore	250 °C

**SELLING AND DELIVERY INFORMATION**

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