



## CONTACT

Market information  
industryprojects.business@lynx  
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**

Halogen free	IEC 60754-2
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**Electrical characteristics**

Rated Voltage U <sub>o</sub> /U (Um)	0,6/1 kV
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**Usage characteristics**

Flame retardant	EN 50265-2-1
Silicone free	Yes
RoHS compliant	Yes
Max. conductor temperature in service	90 °C
Weather resistance	Excellent
Short-circuit max. conductor temperature	250 °C

**PRODUCT LIST**

Reference	Country Ref.	Name
☎ 71320700	-	(N)HXCSLOE-JZ 4x1,5
☎ 71320701	-	(N)HXCSLOE-JZ 4x4
☎ 71320702	-	(N)HXCSLOE-JZ 12x1,5
☎ 71320703	-	(N)HXCSLOE-JZ 25x1
☎ 71320704	-	(N)HXCSLOE-JZ 32x1,5
☎ 713207..	-	(N)HXCSLOE-JZ 42x1,5
☎ 71320708	-	(N)HXCSLOE-JZ 12x2,5
☎ 71320706	-	(N)HXCSLOE-JZ 25x0,75
☎ 71320707	-	(N)HXCSLOE-JZ 5x2,5
☎	71320714	WINDLINK LV-RS (N)HXCSLOE 0.6/1 kV
☎	-	WINDLINK LV-RS (N)HXCSLOE 0.6/1 kV
☎ 71320728	-	WINDLINK LV-RS (N)HXCSLOE 0.6/1 kV
☎	71320717	WINDLINK LV-RS (N)HXCSLOE 0.6/1 kV

☎ = Make to order, ☎ = In stock,

**SELLING AND DELIVERY INFORMATION**

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