



### CONTACT

Market information  
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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)HXSLOE was developed for special application conditions 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, 24h at 100°C
- low smoke, IEC 61034, >50 %
- halogen-free IEC 60754
- permanent influence of sea water
- 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

#### Outer Sheath

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



Halogen free  
IEC 60754-2



Rated Voltage  $U_0/U$  (Um)  
0,6/1 kV



Flame retardant  
EN 50265-2-1



RoHS compliant  
Yes



Max.conductor temp.in service  
90 °C



Weather resistance  
Excellent



## CHARACTERISTICS

## Construction characteristics

|              |             |
|--------------|-------------|
| Halogen free | IEC 60754-2 |
|--------------|-------------|

## Electrical characteristics

|   |          |
|---|----------|
| Rated Voltage U <sub>o</sub> /U (U <sub>m</sub> ) | 0,6/1 kV |
|---|----------|

## 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                  | Number of cores | Conductor cross-section [mm <sup>2</sup> ] | Nominal outer diameter [mm] |
|-----------|--------------|-----------------------|-----------------|--|-----------------------------|
| ☎         | -            | (N)HXCSLOE-JZ 4x1,5   | 4               | 1.5  | 10.0                        |
| ☎         | -            | (N)HXCSLOE-JZ 4x4     | 4               | 4  | 13.5                        |
| ☎         | -            | (N)HXCSLOE-JZ 12x1,5  | 12              | 1.5  | 16.0                        |
| ☎         | -            | (N)HXCSLOE-JZ 25x1    | 25              | 1  | 20.0                        |
| ☎         | -            | (N)HXCSLOE-JZ 32x1,5  | 32              | 1.5  | 26.0                        |
| ☎         | -            | (N)HXCSLOE-JZ 42x1,5  | 42              | 1.5  | 35.0                        |
| ☎         | -            | (N)HXCSLOE-JZ 12x2,5  | 12              | 2.5  | 23.0                        |
| ☎         | -            | (N)HXCSLOE-JZ 25x0,75 | 25              | 0.75                                       | 18.0                        |
| ☎         | -            | (N)HXCSLOE-JZ 5x2,5   | 5               | 2.5  | 15.0                        |

☎ = Make to order, 📦 = In stock,

## SELLING AND DELIVERY INFORMATION

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