



**Reference:** 71320703

### CONTACT

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

### STANDARDS

**Producto** 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****Características de construcción**

Material del conductor	Plain annealed copper
Flexibilidad del conductor	Flexible, Clase 5
Aislamiento	Rubber
Cubierta exterior	Compuesto de goma
Color de cubierta	Negro
Libre de halógenos	IEC 60754-2
Con conductor amarillo/verde	Sí
Overall screen	-

**Características dimensionales**

Número de conductores	25
Sección del conductor	1 mm <sup>2</sup>
Contenido de cobre	0 kg/km
Diámetro exterior nominal	20,0 mm
Peso aproximado	550 kg/km

**Características eléctricas**

Tensión nominal de servicio U <sub>0</sub> /U	0,6/1 KV
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**Características de uso**

No propagación de la llama	UNE-EN 50265-2-1
Sin silicona	Sí
Acorde con normativa RoHs	-
Temperatura máxima del conductor	- °C
Resistencia a la intemperie	-
Temperatura máxima del conductor en corto-circuito	- °C

**SELLING AND DELIVERY INFORMATION**

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