



Reference: 71320701

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	4
Sección del conductor	4 mm ²
Contenido de cobre	0 kg/km
Diámetro exterior nominal	13,5 mm
Peso aproximado	300 kg/km

Características eléctricas

Tensión nominal de servicio U _o /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 I NEXANS I