



Reference: 71320728

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)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 E18 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

结构特性

导体材料	Plain annealed copper
导线柔软度	柔软等级5
绝缘	无卤复合物
外护套	橡胶复合物
护套颜色	黑
无卤	IEC 60754-2
总屏蔽	
有绿/黄芯线	无

尺寸特性

芯线数	3
导线截面	6 mm ²
铜含量	- kg/km
标称外径	15.5 mm
近似重量	420 kg/km

电气特性

额定电压U ₀ /U	0.6 / 1 kV
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使用特性

阻燃 - 火焰	EN 50265-2-1
无硅	是
符合RoHS	是
芯线最高静止温度	90 ° C
耐气候性	优异
短路最高线芯温度	250 ° C

SELLING AND DELIVERY INFORMATION

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