



Torsion resistant CAN-Bus cable with UL approval

STANDARDS

Product CSA C22.2 N° 214-02; UL 444

APPLICATION

The cable WINDLINK® CAN BUS was specifically designed for wind turbines. These cable is used where torsion resistance is required.

CONTACT

Market information
industryprojects.business@lynxgroup.com



Gases corrosivity



Smoke density



Oil resistance



U.V resistance



Max. conductor temp. in service
- °C



Inst. temp. range
-40 ... 85 °C



Operating temp.
-30 ... 75 °C



Fire retardant
FT4 (UL 1685)

CHARACTERISTICS**Construction characteristics**

Construction type	1 x 2 x 0.22
Conductor material	Bare copper
Insulation	Foam-skin
Insulation colour	white - green
Lay Up	Pair
Screen	Tinned copper - 80% optical coverage
Inner sheath	Thermoplastic compound
Outer sheath	PVC compound
Sheath colour	Black - RAL 9005

Dimensional characteristics

Nominal outer diameter	7.5 mm
Approximate weight	- kg/km
Conductor cross-section	- mm ²
Conductor diameter (mm)	
Copper content	- kg/km
Diameter over braid	- mm
Inner sheath thickness	- mm
Insulation sheath thickness	- mm
Maximum cable diameter	- mm
Minimum cable diameter	- mm
Nominal outer sheath thickness	- mm

Electrical characteristics

Minimum insulation resistance	100 MOhm.km
Resistance of inner conductor (DC)	- Ohm/km
Max. Electrical Resistance AC 60Hz 70°C	- Ohm/km
Max. transfer impedance at 10MHz	10 mOhm/m
Max. Electrical Resistance AC 60Hz 90°C	- Ohm/km
Inductive reactance	- Ohm/km
Operating capacitances	- mF/km
Permissible short circuit current	- kA
Test voltage AC at 50hz conductor /conductor	1500 V
Test voltage AC at 50hz conductor/screen	1500 V
Operating voltage	250 V
Characteristic impedance	- Ohm
Permissible current rating in open air	- A

Mechanical characteristics

Torsion stress	45 °/m
Maximum tensile strength	- N/mm ²

Usage characteristics

Gases corrosivity
Smoke density
Oil resistance

Usage characteristics

U.V resistance	
Ozone resistance	
Max. conductor temperature in service	- °C
Short-circuit max. conductor temperature	- °C
Installation temperature, range	-40 ... 85 °C
Operating temperature, range	-30 ... 75 °C
Minimum Bending Radius during installation	10 (xD)
Fire retardant	FT4 (UL 1685)