



K-WIND 3500 CY UL CSA

Description : EMC compliant, shielded, oil-resistant, UL and CSA power and control cables for flexible use under torsional load - 0.6/1 Kv

Desi



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
 PVC Insulation compound type **TI1** according to CEI 20-11, VDE 0207 and UL 1581
 Black numbered cores + G.Y.
 Nonwoven polyester tape
 Tinned copper wires braiding with coverage of 85%
 Special cold resistant outer jacket in special PVC **TM5** according to CEI 20-11 and VDE 0207 and UL 1581

Manufacturing's Controls: Test and Control according to our certificated **ISO 9001-2015 CSQ-IMQ (EQ-NET)** Quality System procedure.

Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports

Norms : Flame retardant, Test method B according to DIN VDE 0472 part 804, IEC 60332-1, IEC 60332-3A and CSA FT1

According to UL styles 10012 - 21179 and CSA-AWM I A/B II A/B

With black outer sheath colour the cable is also UV and weather-resistant according to ISO 4892-2 and Ozone-resistant according to EN 50396

Oil resistant according: DIN EN 50290-2-22 resp. VDE 0819-102, TM54.

The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : IEC/VDE: U0/U 0.6/1 kV ac
UL/CSA: 1000 V
- Spark Test voltage : 6.000 V
- Working temperature : Flexible use: -10°C to +90°C
Fixed installation: -40 °C to +90 °C
- Minimum bending radius Flexible use: 10 x outer Ø
Fixed installation: 4 x outer Ø

Use : This power and control cables are especially suitable for fixed and flexible installations, as well as for applications with torsional movements (e.g. machinery, wind turbines).

Very suitable for installation in the drip-loop, between the rotating nacelle and the stationary windmill tower, to connect the generator to the control units.

Suitable in dry, damp and wet interiors (including water-oil mixtures).