



K-WIND FLEX BQ-F

Description : Flexible halogen free rubber cable for use in wind turbines at light and medium mechanical stress and in torsion applications.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
 Insulation in rubber compound E16 according to DIN VDE 0282, part 1
 Outer sheath in polyurethane-compound TPU according to DIN VDE 0282

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 : Flam retardant, Test method B according to DIN VDE 0472 part 804 and IEC 60332-1
 Halogen- Free according to IEC 61249-2-21
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 600/1000V
- Spark Test voltage : 6000 V
- Ambient working temperature: Light Flexing: -40 °C to +90 °C
 Fixed installation: -50°C to +90°C
- Minimum bending radius For flexible use: 16 x outer Ø
 Fixed installation: 7,5 x outer Ø

Use : 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