



K-FLEX 3000 ARTIC

Description : Multi-conductors connecting and control cable with colour code cores and high resistance to very low temperatures.

Design:



Construction :

- 1) Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
- 2) Cold resistant PVC Insulation compound type **TI5** according to CEI 20-11 and VDE 0207 with special mechanical resistance.
- 3) Cold resistant PVC outer sheath compound type **TM4** according to CEI 20-11 and VDE 0207

Manufacturing's Controls: Test and Control according to our certificated **ISO 9001-2008** 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 and IEC 60332-1
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 300/500V
- Spark Test voltage : 3000 V
- Working temperature: -40°C to +70°C Occasional flexible use
-60°C to +80°C Fix installation
- Minimum bending radius Occasional flexing: 15 x outer Ø
Fixed installation: 4 x outer Ø

Use : The range of application includes all electrical installations in dry and damp interiors, especially under industrial conditions, outdoor use only with UV protection and in observance of the temperature range. These cables are suitable for free not continuously movement appliance without tensile load or compulsory guidance as well as for fixed installation.