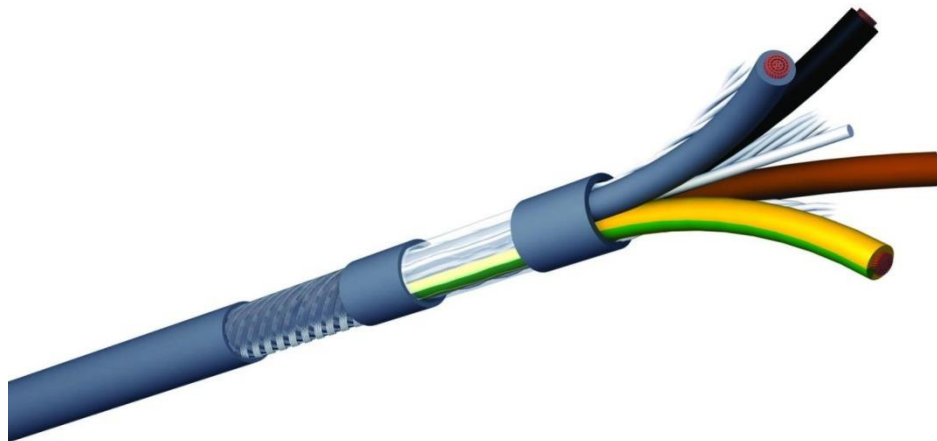




K-FLEX 2500 CY 500V. ARTIC

Description : EMC-compliant Control Cable with coloured code cores, Low space requirement due to small cable diameter. Working voltage 300/500 V.

Design:



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 and VDE 0207 - Colour code according to DIN VDE 0293
 Polyester Tape
 Tinned copper wires braiding with coverage 85%
 PVC outer sheath compound type TM2 according to CEI 20-11 and VDE 0207

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 IEC 60332-1
 Adapted to DIN VDE 0245 and 0281
 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: Occasional flexing: -5°C to +70°C
 Fixed installation: -40°C to +80°C
- Minimum bending radius: Occasional flexing: 20 x outer Ø
 Fixed installation: 6 x outer Ø
- Mutual capacitance: A/A ca. 120 nF/km
 A/S ca. 160 nF/km
- Inductance Ca. 0,65 mH/km

Use : The range of application for the PVC control cable K-FLEX 2500 CY with tinned copper braiding includes all electrical systems in dry, damp or wet interiors, especially in industrial and/or in EMC-critical environments. The cable can be installed outdoors with UV protection only and in observance of the temperature range. These cables are suitable for free not continuously movement appliance without tensile load or compulsory guidance, with low mechanical stress as well as for fixed installation.