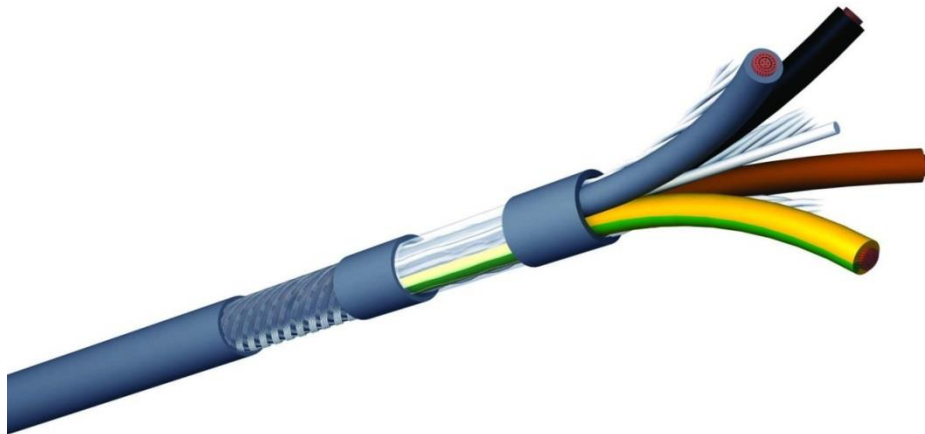




K-FLEX 2500 CY

Description : EMC-compliant, Shielded Power supply and Control Cable with colour code cores.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl.5
 PVC Insulation compound type TI1 according to CEI 20-11 and VDE 0207
 Colour code according to HD 308 and 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 Quality System certificate **ISO 9001-2015**
 CSQ-IMQ (EQ-NET)

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 : 450/750V
- 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

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. It is suitable for fixed installation, but also for flexible applications under conditions of sporadic, not continuously returning movement on/in machinery, appliances, rail vehicles, ventilation and air-conditioning systems, office machines, industrial plants with low mechanical stress.