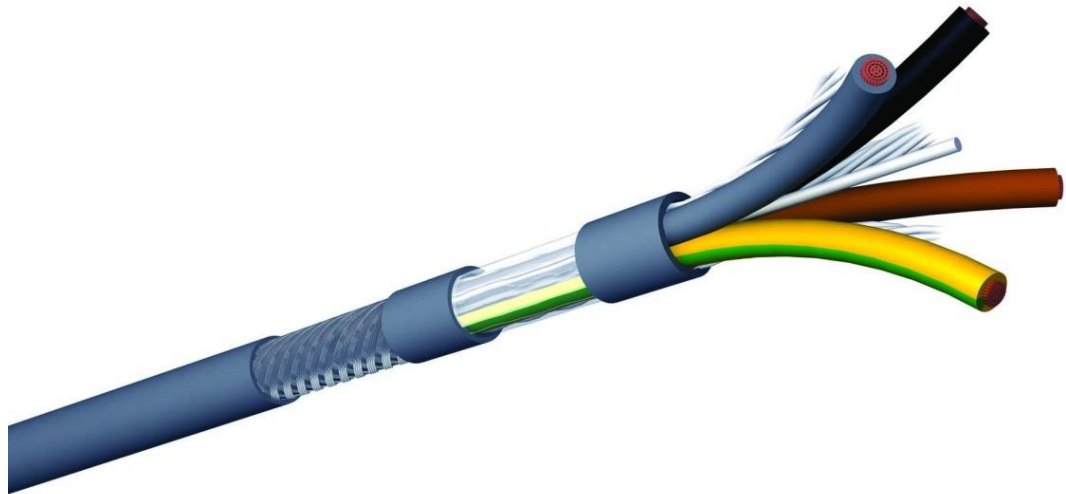




K-FLEX 2500 X CY POWER

Description : EMC-compliant 600/1000 V. connection and power shielded cable with colour code cores for high-power servo motors.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
 Special cross linked PE compound.
 Colour code according to DIN VDE 0293
 Tinned copper screen with coverage 85% over polyester tape
 Outer jacket in PVC 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: Flam retardant, Test method B according to IEC 60332-1

According to IEC 60502-1

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

Technical dates :

- Nominal voltage : 600/1000V
- Spark Test voltage : 6000 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 this power supply and control cable with tinned copper wires 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 medium mechanical stress.