



K-PLUS 3500 CY CHAIN

Description : EMC compliant, chain application control and power supply shielded cable manufactured for working voltage up to 500 V.

Design:



Construction :

Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
Special PVC Insulation compound TI1
Black numbered cores + GY core
Nonwoven tape over the outer layer
Nonwoven-polyester tape
Tinned copper screening with coverage $85\% \pm 5\%$
Nonwoven tape over the screen
Outer sheath in special PVC TM2

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 DIN VDE 0472 part 804, IEC 60332-1
According to our VDE Reg. Nr. 7097
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 300/500 V
- Spark Test voltage : 3000 V
- Working temperature : Flexing installation: -0°C to $+70^{\circ}\text{C}$
Fixed installation: -40°C to $+80^{\circ}\text{C}$
- Minimum bending radius : Chains application: $12 \times$ outside \emptyset
Fix Installation: $4 \times$ outside \emptyset

Use :

Power Supply and Control Cable especially for European market.
Suitable for use in power chains or moving machine parts, for travel distances up to 10 m. This cable is designed to guarantee till 1 million bending/unbending cycles in the power chain. It can be used in dry, damp or wet interiors. Suitable for use in measuring, control and regulating circuits so as in wiring of machines, tools, devices, appliances and control cabinets. Only for outdoor use within the indicated operating temperature range, with UV-protection