



## K-PLUS 3500 CY CHAIN UL CSA

**Description :** American and Canadian approved, EMC compliant, Chain application, control and power shielded cable, manufactured for working voltage of 600 V.

**Design:**



**Construction :**

- Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
- PVC Insulation compound type TI3 according to UL 1581
- Black numbered cores + GY core
- Nonwoven tape over the outer layer
- Polyester tape
- Tinned copper screening with coverage  $85 \pm 5\%$
- Nonwoven tape over the screen
- Outer sheath in special PVC TM3 according to UL 1581

**Manufacturing's Controls:** Test and Control according to our certificated **ISO 9001-2015 CSQ (IQNET)** 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 60332-1-2 and CSA FT1  
 According to UL styles 11008 - 2587 and CSA-AWM I A/B II A/B  
 According to our VDE Reg. Nr. 7097  
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage : 600 V
- Spark Test voltage : 6000 V
- Working temperature : Flexing installation:  $-5\text{ }^{\circ}\text{C}$  to  $+90\text{ }^{\circ}\text{C}$   
 Fixed installation:  $-40\text{ }^{\circ}\text{C}$  to  $+90\text{ }^{\circ}\text{C}$
- Minimum bending radius : Chains application:  $12 \times$  outside  $\emptyset$   
 Fix Installation:  $4 \times$  outside  $\emptyset$

**Use :** UL and CSA approved Control Cable especially for European and American markets.  
 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 in EMC-sensitive environments, 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