



K-PLUS 9959 CY UL CSA

Description : EMC compliant, for chain application, American and Canadian Polypropylene insulated and PVC sheathed control and power supply cable with screen manufactured according to UL AWM Style 2570 and CSA AWM I A/B II A/B.

Design:



Construction : Extra Flexible bare copper conductors according to CEI 20-29 Class 6 and DIN-VDE 0295 K6
Polypropylene based insulation compound
Black numbered cores + GY core
Nonwoven tape over each layer
Tinned copper screening with coverage 85% ± 5%
Nonwoven tape
Outer sheath in special PVC 80°C according to UL 758

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 - UL V0 according UL 94 and CSA FT1
According to UL styles 10492 - 2570 and CSA-AWM I A/B II A/B
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 1000 V
- Spark Test voltage : 6000 V
- Working temperature : Flexing: -5 °C to +80 °C
Fixed installation: -40 °C to +80 °C
- Minimum bending radius : For flexible use: 7 x outer diameter
Fixed installation: 4 x outer diameter
- Max speed (unsupported - gliding) 8 m/s - 4 m/s
- Max acceleration 30 m/s²

Use : UL and CSA approved Control Cable especially for European and American markets.
Designed for 5 million alternating bending cycles and horizontal travel distances up to 10 meter. 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