




## K-PLUS 9909 BUNDLES PVC UL CSA

Description :	American and Canadian, Chain application, Polypropylene insulated and PVC sheathed control and power cable manufactured for working voltage of 1000 V.
Design:	
Construction :	<p>Extra Flexible bare copper conductors according to CEI 20-29 Class 6 and DIN-VDE 0295 K6          Polypropylene insulation compound according VDE 0250, Part 215, type 9YI2 and CEI-EN 60811-4-2          Black numbered cores + GY core          From 2 to 7 cores twisted in one layer, from 9 to 42 cores twisted in bundles an bundles twisted in layer.          Talc          Special PVC TM2 - UL 80°C jacket compound, matt and low adhesive surface</p>
Manufacturing's Controls:	<p>Test and Control according to our certificated <b>ISO 9001-2015 CSQ-IMQ (EQ-NET)</b> Quality System procedure.          Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports</p>
Norms :	<p>Flame retardant, Test method B according to DIN VDE 0472 part 804, IEC 60332-1, IEC 60332-3-24 and CSA FT1          According to UL style 2570 and CSA-AWM I A/B II A/B          The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE</p>
Technical dates :	<ul style="list-style-type: none"> <li>• Nominal voltage : 1000 V</li> <li>• Spark Test voltage : 10.000 V</li> <li>• Working temperature : Flexing: -25°C to +90°C (UL 80°C) Fixed installation: -40°C to +90°C (UL 80°C)</li> <li>• Minimum bending radius : For flexible use: 7 x outer diameter Fixed installation: 4 x outer diameter</li> <li>• Max speed ( unsupported - gliding ) 3 m/s - 2 m/s</li> <li>• Max acceleration 20 m/s<sup>2</sup></li> </ul>
Use :	<p>Designed for 5 million alternating bending cycles and horizontal travel distances up to 100 meter.          Suitable for use in power chains, moving machine parts, particularly in wet or oil contaminated areas of machine tools and transfer lines.          Suitable for use in measuring, control and regulating circuits so as in wiring of machines, tools, devices, appliances and control cabinets. Suitable for outdoor use within the indicated operating temperature range.</p>