



## K-PLUS 9500 CP POWER

**Description :** Chain application EMC-compliant power supply and control cable with TPE numbered cores and PUR outer-sheath. 600/1000 V. Working voltage.

**Design:**



**Construction :** Extra Flexible bare copper conductors according to CEI 20-29 Class 6 and DIN-VDE 0295 K6  
TPE polypropylene based elastomer insulation compound  
Black numbered cores + GY core.  
Nonwoven tape over the each layer  
Tinned copper screening with coverage 85% ± 5%  
Nonwoven tape over the screen  
Special PUR outer sheath, matt and low adhesive surface

**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  
Halogen-free according to IEC 60754-1 (amount of halogen acid gas)  
Oil Resistant according EN 60811-1-2:1995  
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage : 600/1000 V
- Spark Test voltage : 6000 V
- Working temperature : Flexing: -40°C to +80°C  
Fixed installation: -50°C to +90°C
- Minimum bending radius : For flexible use: 7 x outer Ø  
Fixed installation: 4 x outer Ø

**Use :** Designed for up to 4 million bending/unbending cycles inside power chains. For travel distances up to 60 mt.  
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. The copper braid serves as electromagnetic screen between the internal electric circuits and the environment.