



K-PLUS 9500 CP

Description : EMC-compliant power supply and control cable with TPE numbered cores and PUR outer-sheath. 300/500 V. Working voltage.

Design:



Construction :

- Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K6
- TPE polypropylene based elastomer insulation compound
- Black numbered cores + GY core.
- Polyester tape over the outer layer
- Tinned copper screening with coverage 85% ± 5%
- Nonwoven tape over the outer layer
- 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 : 300/500 V
- Spark Test voltage : 3000 V
- Working temperature : Flexing: -40°C to +80°C
Fixed installation: -50°C to +90°C
- Minimum bending radius : Occasional flexing: 20 x outer Ø
Fixed installation: 6 x outer Ø

Use : The range of application for this control cable with copper screening braid includes all electrical systems in dry, damp or wet interiors, especially in industrial and/or in EMC-critical environments. The cable can be installed outdoors with UV protection only and in observance of the temperature range. It is suitable for fixed installation, but also for flexible applications under conditions of sporadic, not continuously returning movement on/in machinery, appliances, rail vehicles, ventilation and air-conditioning systems, office machines, industrial plants with low mechanical stress..