



K-DATA LIYCY DIN 47100

Description : Multi-conductors data transmission cables with copper braid screening and DIN colour code 47100

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
 PVC Insulation compound type TI1 according to CEI 20-11 and VDE 0207
 DIN 47100 colour coded cores
 Polyester tape
 Tinned copper screen with coverage 85%
 Outer jacket in PVC TM2 according to CEI 20-11 and VDE 0207

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 and IEC 60332-1-2 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 300/300V (up to section 0,34 mm²)- 300/500V
- Spark Test voltage : 3000 V
- Working temperature : Occasional flexing: -5°C to +70°C
Fixed installation: -40°C to +80°C
- Minimum bending radius: Occasional flexing: 20 x outer Ø
Fixed installation: 6 x outer Ø
- Mutual capacitance: A/A ca. 120 nF/km
A/S ca. 160 nF/km
- Inductance Ca. 0,65 mH/km

Use : K-DATA LIYCY with colour code DIN 47100. Used for computer systems, MSR technology, office machinery, scales - screened cables with small dimensions. The signals transmitted along the cores can also interfere with other components. These effects are prevented by screening the cores. Screen as braiding of tinned copper wire (easy to solder) over the core insulation