



K-DATA LIYY DIN 47100

Description : Multi-conductors data transmission cables with DIN colour code 47100

Design:



Construction :

Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl. 5
 PVC Insulation compound type TI1 according to CEI 20-11 and VDE 0207
 DIN 47100 colour code cores
 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 :

Flam retardant, Test method B according to DIN VDE 0472 part 804 and IEC 60332-1-2
 Based on VDE 0812
 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
- Mutual capacitance : Approx. 120 nF/km
- Inductivity : Approx. 0.65 mH/km
- Working temperature : Occasional flexing: -5°C to +70°C
Fixed installation: -40°C to +80°C
- Minimum bending radius Occasional flexing: 15 x outer Ø
Fixed installation: 4 x outer Ø

Use :

K-DATA LIYY is used as a control and signal cable in electronics of computer systems, electronic control equipment, office machines, balances, etc. and where control cables of smallest dimensions are required