



K-DATA LI2YCYv T.P DIN 47100

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

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
PE polyethylene insulation compound type L-MD - Colour code cores according to DIN 47100
Polyester tape
Tinned copper screen with coverage 85%
Reinforced 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
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 300/300V (not for power application)
- Spark Test voltage : 2000 V
- Inductivity Approx. 0.65 mH/km
- Specific insulation resistance: > 5 GOhm x km
- Characteristic impedance: 100 Ohm ± 20
- Working temperature: Fixed installation: -30°C to +80°C
Occasional flexing: -5°C to +70°C
- Minimum bending radius For flexible use: 15 x outer Ø
Fixed installation: 6 x outer Ø

Use : K-DATA Li2YCYv (TP) is particularly suitable for wiring data systems, and is qualified for the RS422 and RS485 interfaces.
Cables of this type are intended for limited flexible use, for fixed installation in dry or damp interiors. The Li2YCYv (TP) model with reinforced black outer sheath (Yv) is suitable for indoors and outdoors, as well as direct burial in the ground.