



## K-DATA LIYY T.P DIN 47100

**Description :** The PVC twisted pairs data transmission cables with 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 with special mechanical resistance. Colour coded as per DIN 47100 table - Cores twisted in pairs and pairs twisted in layers  
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 :** Self-extinguish according to test method B IEC 60332-1  
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 mm<sup>2</sup>)-  
300/500V
- Spark Test voltage : 3000 V
- Working temperature : Occasional flexing: -15°C to +70°C  
Fixed installation: -40°C to +70°C
- Minimum bending radius : Occasional flexing: 15 x outer Ø  
Fixed installation: 4 x outer Ø

**Use :** K-DATA LIYY T.P. is used in electronic systems normally have little space available for cable installation. Short distances and small bending radius required. Only low currents are normal, therefore use of small conductor cross-sections is possible. These twisted pair data cables are also extremely flexible.