



## K-DATA LIYCY T.P. DIN 47100 UL CSA

**Description :** UL, CSA and CE approved, twisted pairs multi-conductors data transmission cable 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  
 PVC Insulation compound Class 43 UL - DIN 47100 colour code cores - DIN 47100 colour code cores - Cores twisted in pairs and pairs twisted in layers  
 Polyester tape  
 Tinned copper screen with coverage 85%  
 Outer sheath in special PVC according to UL 1581

**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 and CSA FT1  
 Cores according to UL AWM Style 11008.  
 According to UL AWM Style 2464  
 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: -5° C to +80° C  
 Static: -20° C to +80°
- Minimum bending radius Occasional flexing: 20 x cable Ø  
 Static: 6 x cable Ø

**Use :** For use in flexible or stationary applications under low mechanical stress with free movement without any tensile stress, loads or forced movements in dry, moist and wet conditions. Used for computer systems, MSR technology, office machinery, scales - screened cables with small dimensions. Data transmission with good screening, twisted pairs (TP) decouples the cable circuits. Good protection against the capacitive influence due to electric fields (e.g. power cable).