



## K-DATA LIYY DIN 47100 UL CSA

**Description :** UL, CSA and CE approved multi-conductors 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 UL 80°C type  
DIN 47100 colour code cores  
Outer sheath in special flame retardant PVC UL 80°C

**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  
According to UL AWM Style 2464 and CSA AWM I A/B II A/B  
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
- Mutual capacitance : Approx. 120 nF/km
- Inductivity : Approx. 0.65 mH/km
- Working temperature : Occasional flexing: -5° C to +80° C  
Static: -20° C to +80°
- Minimum bending radius Occasional flexing: 15 x cable Ø Static:  
4 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. Commonly used as control and signal cables in the electronics of computers systems, electronic control equipment, office machines and measurement devices in tool making, machine manufacturing, conveyor systems and production lines.