



K-DATA LIYCY DIN 47100 UL CSA

Description : UL, CSA and CE approved multi-conductors data transmission cables with copper braid screening and 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 80°C rated according to UL 1581
 DIN 47100 colour code cores
 Polyester tape
 Tinned copper screen with coverage 85%
 Outer sheath in special PVC 80°C rated 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 60332-1-2 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

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| Technical dates : | <ul style="list-style-type: none"> • Nominal voltage : UL 300 V. - IEC 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 • Mutual capacitance: A/A ca. 120 nF/km A/S ca. 160 nF/km • Inductance Ca. 0,65 mH/km |
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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.