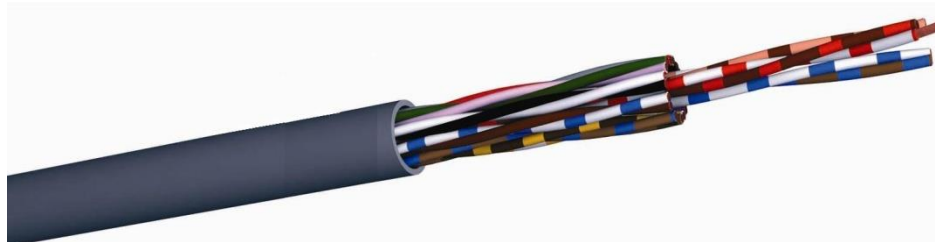




K-DATA LIHH T.P DIN 47100

Description : The Halogen Free 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
Halogen free insulation compound type **TI6** according to HD 21.14 S1 annex A Colour coded as per DIN 47100 table - Cores twisted in pairs and pairs twisted in layers
Halogen free jacket compound type **TM7** according to HD 21.14 S1 annex B

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 according to IEC 60332-1-2 (flame spread on a single cable)
No flame-propagation according to IEC 60332-3-24 respectively IEC 60332-3-25 (Flame spread on vertical cable or wire bundle)
Halogen-free according to IEC 60754-1 (amount of halogen acid gas)
Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)
Low smoke density according to IEC 61034
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 300/300V (up to section 0,34 mm²)-
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 LIHH 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. Environmentally friendly, halogen-free is particularly suitable where human and animal life as well as valuable property are exposed to high risk of fire hazards.