

PAAR-LiYCY-CY

Flexible data cable, screened pairs, EMC*

Konstrukce

- Stranded bare copper conductor according to DIN VDE 0295 cl. 5
- Core insulation of special PVC
- Color coded core according to DIN 47100
- Cores twisted to pairs with optimal lay-length
- Pairs stranded in layers with optimal lay-length
- Pairs screened individually, tinned copper screening, approx. 85% coverage
- Special PVC coating over each pair
- Twisted pairs wrapped with special polyestere foil
- Overall tinned copper braid-screening, approx. 85% coverage
- Special PVC sheath, color grey, extensively oil resistant
- PVC self-extinguishing and flame-retardant, according to DIN VDE 0482-332-1-2/ DIN EN 60332-1-2/ IEC 60332-1-2

Použití

This cable offers interference-free data transfer and is suitable for use as a signal cable in combination with computers and external units. The screening characteristics also make this cable ideal as a connecting cable in sound studio systems, measuring and control sectors as well as providing highly reliable cable for process-control and security systems.

Technická data

- Special PVC data cables according to DIN VDE 0812
- Temperature range flexing from -5°C to +70°C; fixed from -30°C to +80°C
- Conductor resistance 0,14 mm² resp. 0,25 mm², max 138 resp. 77,8 Ω/km
- Operating voltage max. 350 V
- Test voltage a.c. 1200 V resp. 2000 V
- Capacitance at 800 Hz
 - core/core 120 to 150 pF/m depending on core cross-section
 - core/screen 160 to 260 pF/m depending on core cross-section
- Coupling resistance 250 pF/100 m
- Insulation resistance min. 200 MΩ/km
- Attenuation at 1 kHz 3,6 resp. 2,2 resp. 1,8 dB/km
- Minimum bending radius for permanent approx. 12 x cable diameter
- Radiation resistance up to 80 x 10⁶ cJ/kg (up to 80 Mrad)

Popis produktu

Note:

- *EMC = Electromagnetic compatibility - recommended type.
- To optimise EMC features we recommend large round contacts of the copper braiding on both ends.
- CE = the product is conformed with the EC Low-Voltage Directive 2014/35/EU.
- Conforms to RoHS.