

PAAR-Li2YCYv

Communication cable for fast connection outdoor use, EMC*

Konstrukce

- Stranded bare copper conductor according to DIN VDE 0881, 7 wires
- Core structure for:
 - $0,22\text{mm}^2 = 7 \times 0,2 \text{ mm}$
 - $0,34\text{mm}^2 = 7 \times 0,25 \text{ mm}$
 - $0,5 \text{ mm}^2 = 7 \times 0,30 \text{ mm}$
- Core insulation of PE
- Cores color coded according to DIN 47100
- Cores twisted to pairs with optimal lay-length
- Pairs stranded in layers with optimal lay-length
- Twisted pairs wrapped with plastic foil
- Tinned copper braided screening, approx 85% coverage
- Special PVC outer sheath, black color (Yv) – reinforced sheath
- PVC self-extinguishing and flame-retardant, according to DIN VDE 0482-332-1-2/ DIN EN 60332-1-2/ IEC 60332-1-2

Technická data

- Temperature range: flexing from -5°C to $+70^\circ\text{C}$; fixed from -30°C to $+80^\circ\text{C}$
- Operating voltage 250 V
- Test voltage core/core 2000 V; core/screen 1000 V
- Mutual capacitance at 800 Hz max. 60 nF/km; (this value can be exceeded by 20 % in cables up to 4 pairs)
- Impedance $100 \Omega \pm 15 \%$
- Minimum bending radius: flexing 15 x cable diameter; fixed 8 x cable diameter

Popis produktu

Application

This type of this type of cable is suitable for the interference – free transmission of data and signals for longer distances. The transmission rates are suitable for RS 422 and RS 485 interfaces. The cable is suitable for dry and wet spaces. The version with reinforced sheath is suitable for direct burial underground.

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.
- Conform to RoHS.
- Version grey outersheath for standard use also available.