

LiYCY-JZ / F-CY-JZ / YSLCY-JZ

Flexible cable, copper screened, numbered cores,
EMC*

Konstrukce

- Stranded bare copper core according to DIN VDE 0295 and IEC 60228 cl. 5
- Core insulation of special PVC
- Black cores with repeated white numbering according to DIN VDE 0293
- Green-yellow earth core in the outer layer, from 3 cores and more
- Cores stranded in layers with optimal lay-length
- Foil separator
- Tinned copper braided screening, approx. 85% coverage
- Special PVC outer 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

Ideal for use as a control cable in tool-making and machine industry as well as signal cable in computers and electronics. The usual PVC inner sheath in this cable has been replaced by a stabilising foil separator, therefore considerably reducing the total diameter of the cable, its bending radius, weight etc. The high density of the braiding assures disturbance-free transmission of all signals and impulses.

Technická data

- Special PVC flexible cables, according to DIN EN 50525-2-51
- Temperature range flexing from -5°C to +70°C; fixed from -30°C to +80°C
- Nominal voltage U_0/U 300/500 V
- Test voltage a.c. core/core 3000 V, core/screen 1500 V
- Insulation resistance min. 20 M Ω x km
- Minimum bending radius approx. 10 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.
- OZ = version without green-yellow earth core.
- Other sizes and types available on request.
- Conforms to RoHS.