



✓ installation ✓ RoHS ✓ REACH ✓ CE

LiYCY 1 x 0,14 qmm

PVC, shielded

Order-No. 020101400

Application / Description

Measuring-, signal and automatic technology in electronics as well as process- and machine-control, inside dry, moistly and wetly rooms. For permanently outside using not suitable. Increased interference protection and increased mechanical maximum stress by copper braid.



Variant data

| | |
|------------------------|-----------------|
| O.D. | approx. 2,30 mm |
| weight | 9,0 kg/km |
| Cu-weight | 6,0 kg/km |
| skinning tool (jacket) | 40025 |
| skinning tool (core) | 20100 |

Construction / data

| | |
|------------------------|--------------------------------------------|
| Conductor | bare stranded copper wire |
| Structure of conductor | 18 x 0,10 mm |
| Cross section | 0,14 qmm |
| Core-Ø | approx. 1,05 mm |
| number of cores | 1 |
| Core insulation | PVC acc. to VDE 0207 |
| Core colour sequence | DIN 47100 |
| Twisting | cores in layers |
| Overall shield | tinned copper braid, coverage approx. 85 % |
| Outer jacket | PVC acc. to VDE 0207 |
| Outer jacket colour | grey sim. RAL 7001 |
| Dimension | 1 x 0,14 qmm |

Technical characteristics

Not approved for heavy current applications!

| | |
|--------------------------|------------------------------------------------------|
| Temperature range | static: -30 °C to +70 °C dynamic: -5 °C to +70 °C |
| Bending radius | > 15 x O.D. |
| Operating capacity (C/C) | approx. 120 pF/m |
| Operating voltage | 350 V |
| Testing voltage | 800 V |
| Insulation resistance | > 200 MOhm x km at + 20°C |
| Conductor resistance | max. 138,0 Ohm/km |

Packaging

Rings at 100m, Reels

Lower and upper lengths according to availability. Special packaging on request.

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