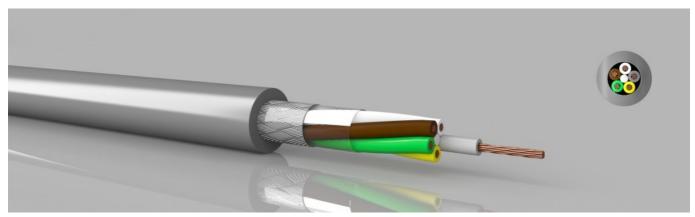
# **Kabeltronik**® quality at the highest level



✓ 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-weigth	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	<u>DIN 47100</u>
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!

emperature 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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