

# LiYCY 300/500V Reel/100m

LiYCY 2 x 0,50 Reel/100m

**Nexans Ref.:** 10540757

**EAN 13:** 7045210122541

Flexible shielded singalkabel

## DESCRIPTION

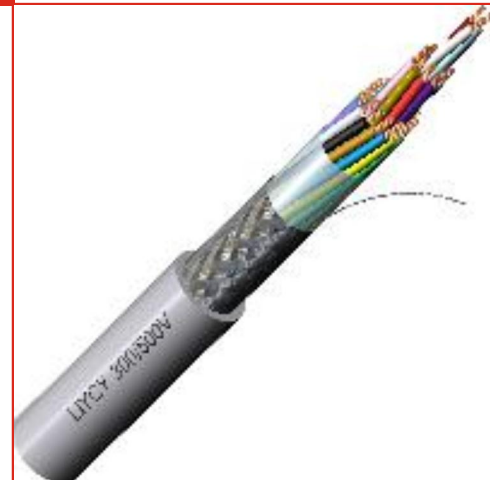
LiYCY 300/500 V is a flexible shielded signal cable that is widely used in control systems. LiYCY 300/500 V is a natural choice for signaling-, Instrumentation-, process and facility systems. The cable is primarily designed for indoor use, but can be used outdoors with extra protection. The conductors are color-coded according to DIN 47100. LiYCY 300/500 V can be supplied as a halogen free cable, it is then called LiHCH.

## Technical Data

- Operating Voltage: 300 / 500 V
- Test Voltage: 1200 V
- Insulation Res.: > 200 MΩ km
- Temperature Range: -20°C ... + 70°C
- Temperature Range Flexible: -5°C ... + 70°C
- Min. Bending Radius: 10 x Overall Diameter

## Construction

- Class 5 copper conductors according to IEC 60228
- PVC insulation, with colour coding according to DIN47100
- Polyester tape wrapping
- Tinned copper wire braiding; coverage 70%±3%
- PVC outer sheath, RAL7001 Grey Colour
- Reference Standards: VDE 0814 and VDE0812



## STANDARDS

**International** IEC 60228;  
IEC 60332-1-2



RoHS compliant  
Yes

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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## CHARACTERISTICS

### Construction characteristics

Armour type	Tinned copper braid
Conductor material	Bare copper class 5
Insulation	PVC-compound T12
Outer sheath	PVC
Sheath colour	Grey RAL 7001

### Dimensional characteristics

Approximate weight	38 kg/km
Outer Diameter	5.1 mm
Conductor cross-section	0.5 mm <sup>2</sup>
Number of cores	2

### Electrical characteristics

Breakdown voltage	3 kV
Resistance of the insulation	200 MOhm
Test voltage	1200 V

### Usage characteristics

Minimum bending radius, static (XD)	10
Operating temperature flexing, range	- °C
Operating temperature, fixed, range	-20 - 70 °C
RoHS compliant	Yes