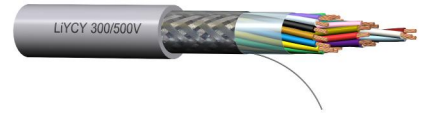


LiYCY 300/500V (CPR)

Flexible shielded signal cable

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
 - 0.22 mm² - 0.34 mm² 250 V
 - ≥0.50 mm² 300/500 V
- Test Voltage
 - 0.22 ve 0.34 mm² 1200 V
 - ≥0.50 mm² 2000 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
- Outer Sheath is UV protected, making the cable available for installations that requires this

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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LiYCY 300/500V (CPR)

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

Electrical characteristics

Resistance of the insulation	200 MOhm
Test voltage	2000 V

Usage characteristics

Packaging	Drum 1000 m
Minimum bending radius, static (XD)	10
Operating temperature flexing, range	- °C
Operating temperature, fixed, range	-20 ... 70 °C
RoHS compliant	Yes

PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Approximate weight [kg/km]	Outer Diameter [mm]
 10567412	1005648	LiYCY 2 x 0,50	38	5.1
 10263238	1005649	LiYCY 3 x 0,50	47	5.4
 10567413	1005650	LiYCY 4 x 0,50	55	5.8
 10263240	1005651	LiYCY 5 x 0,50	66	6.3
 10263241	1005653	LiYCY 7 x 0,50	82	6.8
 10263242	1005654	LiYCY 8 x 0,50	94	8.3
 10263243	1005655	LiYCY 10 x 0,50	122	8.8
 10264850	1005658	LiYCY 18 x 0,50	196	11
 10263254	1005665	LiYCY 2 x 0,75	46	5.7
 10263257	1005668	LiYCY 5 x 0,75	86	7.1
 10263258	1005670	LiYCY 7 x 0,75	108	7.7
 10263259	1005671	LiYCY 8 x 0,75	117	8.7
 10263260	1005673	LiYCY 12 x 0,75	187	10.4
 10568870	1005666	LiYCY 3 x 0,75	59	6
 10567416	1005667	LiYCY 4 x 0,75	71	6.5

 = Make to order,  = In stock,