

### CONTACT

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PVC data transmission cables LiYY

### STANDARDS

**Product** Nexans specification

#### Application

These cable is used for data and signal transmission where high flexibility is required. It is therefore a suitable connection for electrical panels and sensors.

#### Design

##### Conductor

Bare copper stranded according to VDE 0295 cl. 5 and IEC 60228 cl.5

##### Insulation

PVC compound type T12 according to IEC 50363-3

Colour code: according to DIN 47100 (with colour repetition from 44 conductors)

##### Assembly

Conductors twisted in layers

##### Sheath

PVC compound type TM2 according to IEC 50363-4

Colour code: Grey Ral 7001

**CHARACTERISTICS****Construction characteristics**

Construction type	-
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**Dimensional characteristics**

Number of cores	-
Conductor cross-section	- mm <sup>2</sup>
Nominal outer diameter	- mm

**Electrical characteristics**

Operating voltage	300 V
Test voltage	1500 V
Insulation resistance at 20°C	20 MOhm.km

**Usage characteristics**

Ambient static operating temperature, range	-30 ... 80 °C
Flame retardant	IEC 60332-1-2
Minimum bending radius, static (XD)	7.5