

### CONTACT

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PVC shielded data transmission cables LIYCY

### STANDARDS

**Produit** Spécification Nexans

#### 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 + polyester tape

##### Drain wire

Tinned copper (optional)

##### Shield

Tinned copper braid, coverage  $85 \pm 5\%$

##### Sheath

PVC compound type TM2 according to IEC 50363-4

Colour code: Grey Ral 7001

**CHARACTERISTICS****Caractéristiques de construction**

Structure	-
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**Caractéristiques dimensionnelles**

Nombre de conducteurs	-
Section du conducteur	- mm <sup>2</sup>
Diamètre externe nominal (mm)	- mm

**Caractéristiques électriques**

Tension de service	300 V
Tension d'essai	1500 V
Insulation resistance at 20°C	20 MOhm.km

**Caractéristiques d'utilisation**

Température ambiante d'utilisation en statique, plage	-30 ... 80 °C
Non propagateur de la flamme	IEC 60332-1-2
Minimum bending radius, static (XD)	10