

**CONTACT**

Market information  
industryprojects.business@lynxe  
ogroup.com

PVC shielded data transmission cables with twisted pairs LIYCY-TP

**STANDARDS**

**Producto** Especificaciones 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)

**Pairs**

Conductors twisted in pairs acc. to DIN 47100

**Assembly**

Pairs twisted in layer + 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****Características de construcción**

Construction type	-
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**Características dimensionales**

Número de conductores	-
Sección del conductor	- mm <sup>2</sup>
Diámetro exterior nominal	- mm

**Características eléctricas**

Tensión de operación	300 V
Test voltage	1500 V
Insulation resistance at 20°C	20 MOhm.km

**Características de uso**

Ambient static operating temperature, range	-30 ... 80 °C
Minimum bending radius, static (XD)	10