

CONTACT

Market information
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PVC shielded data transmission cables with twisted pairs LIYCY-TP

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)

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**Caratteristiche costruttive**

Costruzione	-
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Caratteristiche dimensionali

Numero di anime	-
Sezione del conduttore del cavo	- mm ²
Diametro esterno nominale del cavo	- mm

Caratteristiche elettriche

Tensione operativa	300 V
Tensione di prova	1500 V
Resistenza isolamento a 20°C	20 MOhm.km

Caratteristiche d'utilizzo

Temperatura ambiente di esercizio statico, intervallo	-30 ... 80 °C
Raggio di curvatura minimo, posa fissa (XD)	10