



✓ installation ✓ mobile ✓ RoHS ✓ REACH ✓ CE

## 2-LifYCY twisted pair (TP) 2 x 2 x 0,20 qmm

shielded, extremely flexible

Order-No. 820402000

### Application / Description

Highly flexible control cable preferably for applications in motion, without movement by compulsion and tensile load for the fields of electronics, measuring - and control technology. The pair twisting optimizes cross-talk attenuation and prevents electrical coupling within the line to a large extent. Increased interference protection as well as increased mechanical maximum stress by copper braid.



### Variant data

O.D.	approx. 6,00 mm
weight	53,0 kg/km
Cu-weight	26,0 kg/km
skinning tool (jacket)	20100
skinning tool (core)	30161 / 30900

### Construction / data

Conductor	finest bare copper wire
Structure of conductor	102 x 0,05 mm
Conductor dimension	0,20 qmm
Core-Ø	approx. 1,20 mm
number of cores	4
Core insulation	PVC acc. to VDE 0207
Core colour sequence	DIN 47100
number of pairs	2
Pre-twisting	cores to pairs
Twisting	pairs in layers
Overall shield	tinned copper braid, coverage approx. 85 %
Outer jacket	PVC acc. to VDE 0207
Outer jacket colour	grey sim. RAL 7032
Dimension	2 x 2 x 0,20 qmm

## Technical characteristics

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Temperature range	static: -25 °C to +70 °C dynamic: -5 °C to +70 °C
Bending radius	> 10 x O.D.
Operating voltage	350 V
Testing voltage	800 V
Insulation resistance	> 200 MOhm x km at + 20°C

## Packaging

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Rings at 100m, Reels

Lower and upper lengths according to availability. Special packaging on request.

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