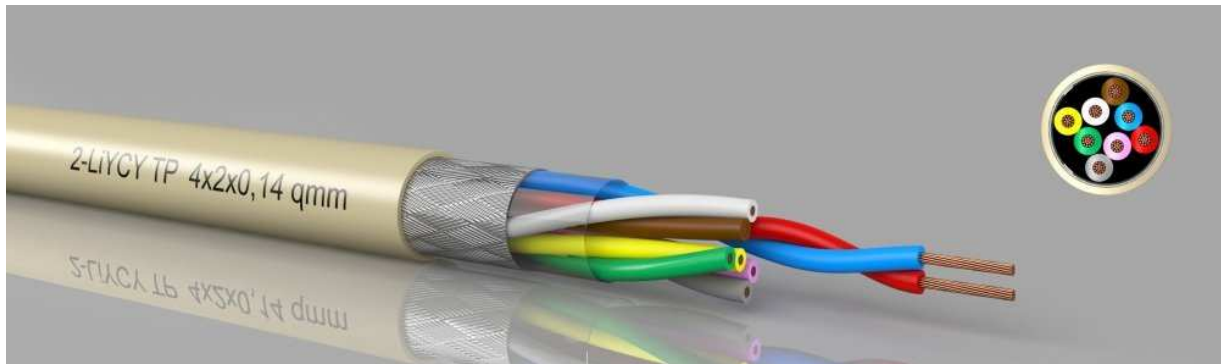




quality at the highest level



✓ installation ✓ mobile ✓ RoHS ✓ REACH ✓ CE

## 2-LiYCY TP

shielded

### Application / Description

Measuring-, signal-, and control-technology as well as for EDP periphery, in dry, mostly and wetly rooms. For permanent outside using not suitable. The pair twisting optimizes crosstalk attenuation and prevents electrical couplings within the line to a large extend.

Increased interference protection as well as increased mechanical maximum stress by copper braid.



### Product range

| Order-No. | Dimension         | O.D.          |                 | Cu-weight<br>kg/km | skinning tool<br>(core) | skinning tool<br>(jacket) |
|-----------|-------------------|---------------|-----------------|--------------------|-------------------------|---------------------------|
|           |                   | approx.<br>mm | weight<br>kg/km |                    |                         |                           |
| 330401400 | 2 x 2 x 0,14 qmm  | 5,40          | 35,0            | 18,5               | 30161 / 309001          | 40025                     |
| 330601400 | 3 x 2 x 0,14 qmm  | 5,70          | 42,0            | 23,0               | 30160 / 30900           | 40025                     |
| 330801400 | 4 x 2 x 0,14 qmm  | 6,20          | 50,0            | 32,0               | 30160 / 30900           | 40025                     |
| 331001400 | 5 x 2 x 0,14 qmm  | 6,70          | 55,0            | 38,0               | 30160 / 30900           | 40025                     |
| 331201400 | 6 x 2 x 0,14 qmm  | 7,50          | 70,0            | 44,0               | 30160 / 30900           | 40025                     |
| 331601400 | 8 x 2 x 0,14 qmm  | 8,00          | 95,0            | 51,0               | 30160 / 30155           | 40025                     |
| 332001400 | 10 x 2 x 0,14 qmm | 8,40          | 115,0           | 75,0               | 30161 / 30900           | 40025                     |
| 332401400 | 12 x 2 x 0,14 qmm | 9,20          | 123,0           | 85,0               | 30161 / 30155           | 40025                     |
| 333201400 | 16 x 2 x 0,14 qmm | 10,60         | 162,0           | 98,0               | 30160 / 30155           | 40025                     |
| 334001400 | 20 x 2 x 0,14 qmm | 11,20         | 185,0           | 115,0              | 30160 / 30155           | 40025                     |
| 335001400 | 25 x 2 x 0,14 qmm | 12,00         | 220,0           | 135,0              | 30160 / 30155           | 40025                     |
| 330402500 | 2 x 2 x 0,25 qmm  | 6,50          | 46,0            | 24,0               | 30161 / 30900           | 20100                     |
| 330602500 | 3 x 2 x 0,25 qmm  | 6,90          | 57,0            | 36,0               | 30160 / 30900           | 20100                     |
| 330802500 | 4 x 2 x 0,25 qmm  | 7,30          | 77,0            | 45,0               | 30160 / 30900           | 20100                     |
| 331202500 | 6 x 2 x 0,25 qmm  | 9,00          | 100,0           | 59,0               | 30160 / 30155           | 20100                     |

| Order-No. | Dimension         | O.D.                  | weight | Cu-                     | skinning tool<br>(core) | skinning tool<br>(jacket) |
|-----------|-------------------|-----------------------|--------|-------------------------|-------------------------|---------------------------|
|           |                   | <i>approx.<br/>mm</i> |        | <i>weight<br/>kg/km</i> |                         |                           |
| 331602500 | 8 x 2 x 0,25 qmm  | 9,60                  | 118,0  | 69,0                    | 30160 / 30155           | 20100                     |
| 332002500 | 10 x 2 x 0,25 qmm | 10,10                 | 140,0  | 110,0                   | 30161 / 30155           | 20100                     |
| 334002500 | 20 x 2 x 0,25 qmm | 13,90                 | 262,0  | 168,0                   | 30900 / 30400           | 20100                     |
| 330405000 | 2 x 2 x 0,50 qmm  | 8,20                  | 87,0   | 46,2                    | 30160 / 30155           | 20100                     |
| 330805000 | 4 x 2 x 0,50 qmm  | 9,00                  | 139,0  | 82,0                    | 30160 / 30155           | 20100                     |
| 331205000 | 6 x 2 x 0,50 qmm  | 11,20                 | 197,0  | 110,0                   | 30160 / 30155           | 20100                     |
| 331605000 | 8 x 2 x 0,50 qmm  | 11,90                 | 238,0  | 136,0                   | 30160 / 30155           | 20100                     |
| 332005000 | 10 x 2 x 0,50 qmm | 13,50                 | 284,0  | 160,0                   | 30900 / 30400           | 20100                     |
| 334005000 | 20 x 2 x 0,50 qmm | 17,20                 | 525,0  | 295,0                   | 10270 / 10280           | 20100                     |
| 330407500 | 2 x 2 x 0,75 qmm  | 8,90                  | 106,0  | 60,0                    | 30160 / 30155           | 20100                     |
| 330807500 | 4 x 2 x 0,75 qmm  | 10,20                 | 179,0  | 115,0                   | 30160 / 30155           | 20100                     |
| 331207500 | 6 x 2 x 0,75 qmm  | 13,30                 | 246,0  | 146,0                   | 30900 / 30155           | 20100                     |
| 331607500 | 8 x 2 x 0,75 qmm  | 14,10                 | 305,0  | 180,0                   | 30900 / 30400           | 20100                     |
| 332007500 | 10 x 2 x 0,75 qmm | 15,20                 | 423,0  | 220,0                   | 12700 / 12800           | 20100                     |
| 334007500 | 20 x 2x 0,75 qmm  | 19,70                 | 671,0  | 425,0                   | 10270 / 10280           | 20100                     |

#### Construction / data

|                        |                                            |
|------------------------|--------------------------------------------|
| Conductor              | bare stranded copper wire                  |
| Structure of conductor | depending on the article                   |
| Conductor dimension    | depending on the article                   |
| Core-Ø                 | depending on the article                   |
| number of cores        | depending on the article                   |
| Core insulation        | PVC acc. to VDE 0207                       |
| Core colour sequence   | DIN 47100                                  |
| number of pairs        | depending on the article                   |
| Pre-twisting           | conductors 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                         |

#### Technical characteristics

|                              |                                                      |
|------------------------------|------------------------------------------------------|
| Temperature range            | static: -30 °C to +70 °C<br>dynamic: -5 °C to +70 °C |
| Bending radius               | > 15 x O.D.                                          |
| Operating capacity (C/C)     | depending on the article                             |
| Operating voltage            | depending on the article                             |
| Testing voltage              | depending on the article                             |
| Current capacity (at +25° C) | depending on the article                             |
| Insulation resistance        | > 200 MOHM x km at + 20°C                            |
| Conductor resistance         | depending on the article                             |

## Packaging

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Rings at 100m, Reels

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

## Similar products

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© kabeltronik® Arthur Volland GmbH

Mühlweg 6, 85095 Denkendorf

Tel.: 08466 - 9404-0

E-Mail: [info@kabeltronik.de](mailto:info@kabeltronik.de)

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