

UNITRONIC® LiYCY (TP) BK

Shielded data cable, twisted pairs, DIN 47100 colour code, Black/UV-resistant/Outdoors

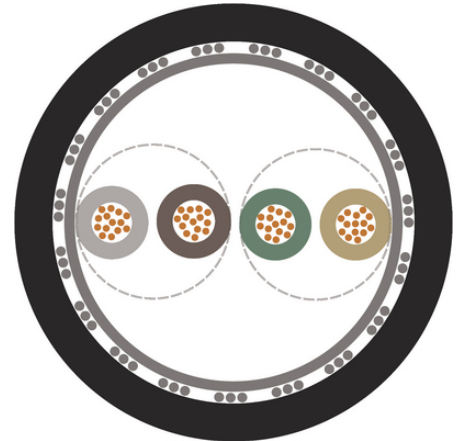
UNITRONIC® LiYCY (TP) BK: Low-frequency PVC data cable DIN 47100 Twisted pairs Flame retardant Shielded, Instrumentation Control, Black, UV resistant, Outdoors

Info

TP = twisted pair

The classic for multi-functional use - in black

UV resistant/ Outdoor use



Suitable for outdoor use



Interference signals



UV-resistant

Benefits

Decoupling of circuits by means of twisted-pair (TP) design (crosstalk effects)

Overall braid minimises electrical interference

Outdoor use according to European standards

Application range

Can be used multifunctional in electronics of computer systems, electronic control equipment, office machines, balances, etc.

Dry or damp rooms

Outdoor use according to European standards

Product features

Last Update (06.05.2021)

©2021 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

UNITRONIC® LiYCY (TP) BK

Good protection against capacitive interference from electric fields (e.g. power cable)
Flame-retardant according IEC 60332-1-2
UV resistant according to EN 50525-1
Ozone-resistant

Norm references / Approvals

Based on VDE 0812

Product Make-up

Fine-wire strand made of bare copper wires
Core insulation made of PVC
TP structure
Tinned-copper braiding
Outer sheath made of PVC
Outer sheath colour: black

Technical Data

| | |
|---------------------------|---|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable |
| Core identification code: | DIN 47100, refer to Appendix T9 |
| Mutual capacitance: | C/C: approx. 120 nF/km C/S: approx. 160 nF/km |
| Inductivity: | approx. 0.65 mH/km |
| Conductor stranding: | Fine copper wire strands |
| Minimum bending radius: | Occasional flexing: 15 x outer diameter Fixed installation: 6 x outer diameter |
| Temperature range: | Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C |

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil \leq 30 kg or \leq 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

UNITRONIC® LIYCY (TP) BK

| Article number | Dimension and cross section in mm ² | Outer diameter [mm] | Copper index [kg/km] | Weight [kg/km] |
|----------------|--|---------------------|----------------------|----------------|
| 1030600 | 2 x 2 x 0.14 | 5.3 | 18.5 | 39 |
| 1030607 | 3 x 2 x 0.14 | 5.8 | 23 | 48 |
| 1030601 | 4 x 2 x 0.14 | 6.2 | 26.6 | 54 |
| 1030602 | 6 x 2 x 0.14 | 7.1 | 48.5 | 81 |
| 1030609 | 8 x 2 x 0.14 | 8.2 | 53.7 | 97 |
| 1030603 | 10 x 2 x 0.14 | 8.7 | 59 | 110 |
| 1030604 | 12 x 2 x 0.14 | 8.9 | 66 | 142 |
| 1030605 | 16 x 2 x 0.14 | 10.2 | 79 | 154 |
| 1030608 | 20 x 2 x 0.14 | 11.3 | 97 | 184 |
| 1030606 | 25 x 2 x 0.14 | 12.5 | 113 | 238 |
| 1030610 | 2 x 2 x 0.25 | 6.3 | 28 | 51 |
| 1030611 | 3 x 2 x 0.25 | 7.1 | 39.6 | 68 |
| 1030612 | 4 x 2 x 0.25 | 7.6 | 44.9 | 81 |
| 1030613 | 6 x 2 x 0.25 | 8.5 | 69.5 | 115 |
| 1030614 | 8 x 2 x 0.25 | 10.3 | 76.9 | 130 |
| 1030615 | 10 x 2 x 0.25 | 11 | 102 | 158 |
| 1030616 | 12 x 2 x 0.25 | 11.3 | 120 | 190 |
| 1030617 | 16 x 2 x 0.25 | 12.5 | 146.5 | 238 |
| 1030618 | 25 x 2 x 0.25 | 16.1 | 205 | 344 |
| 1030619 | 2 x 2 x 0.5 | 7.9 | 48.1 | 93 |
| 1030620 | 3 x 2 x 0.5 | 8.7 | 73.7 | 116 |
| 1030621 | 4 x 2 x 0.5 | 9.4 | 82 | 127 |
| 1030622 | 6 x 2 x 0.5 | 11.1 | 110 | 198 |
| 1030623 | 8 x 2 x 0.5 | 13.1 | 139 | 259 |
| 1030624 | 12 x 2 x 0.5 | 14.9 | 198.3 | 354 |
| 1030625 | 16 x 2 x 0.5 | 16.5 | 240 | 459 |
| 1030626 | 2 x 2 x 0.75 | 8.5 | 58 | 106 |
| 1030627 | 3 x 2 x 0.75 | 9.4 | 84 | 140 |
| 1030628 | 4 x 2 x 0.75 | 10.7 | 108 | 169 |
| 1030632 | 5 x 2 x 0.75 | 11.1 | 126 | 215 |
| 1030629 | 6 x 2 x 0.75 | 12.1 | 146 | 246 |
| 1030630 | 8 x 2 x 0.75 | 14.7 | 180 | 290 |
| 1030631 | 12 x 2 x 0.75 | 16.2 | 261 | 456 |
| 1030633 | 2 x 2 x 1.0 | 9 | 84 | 142 |

Last Update (06.05.2021)

©2021 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03_16

UNITRONIC® LIYCY (TP) BK

| Article number | Dimension and cross section in mm ² | Outer diameter [mm] | Copper index [kg/km] | Weight [kg/km] |
|----------------|--|---------------------|----------------------|----------------|
| 1030634 | 3 x 2 x 1.0 | 10 | 96 | 173 |
| 1030635 | 4 x 2 x 1.0 | 11.3 | 121 | 212 |
| 1030636 | 5 x 2 x 1.0 | 11.8 | 161 | 266 |

Last Update (06.05.2021)

©2021 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

UNITRONIC® LiYCY (TP) BK

