

## UNITRONIC® LiYCY (TP) BK

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

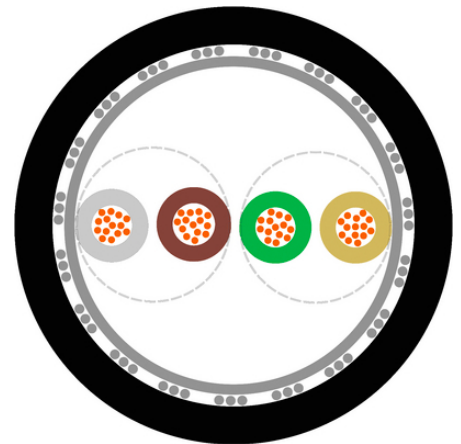
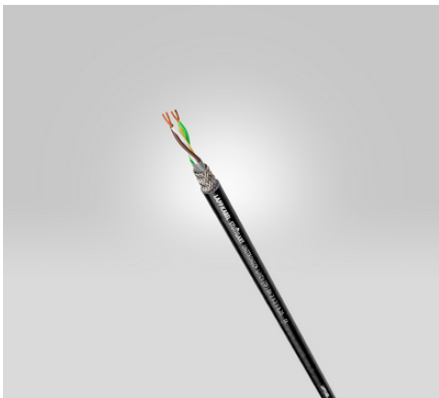
UNITRONIC® LiYCY (TP) BK: Low-frequency PVC data cable DIN 47100 Twisted pairs Flame retardant Shielded, Instrumentation Control, Black, UV resistant, Outdoors

### 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 (05.11.2024)

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Product Management [www.lappkabel.de](http://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](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: coil ≤ 30 kg or ≤ 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 <sup>2</sup>	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

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Article number	Dimension and cross section in mm <sup>2</sup>	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

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