UNITRONIC® LiYCY (TP) BK

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

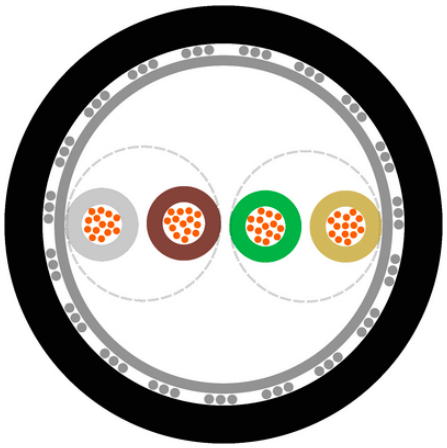
UNITRONIC® LiYCY (TP) BK: Low-frequency PVC data cable DIN 47100 Twisted pairs Flame retardant Shielded, Instrumentation Control, Black, UV resistant, Outdoors

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

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PN 0456 / 02_03.16

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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 ≤ 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.

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PRODUCT INFORMATION

Article number	Dimension and cross section in mm2	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

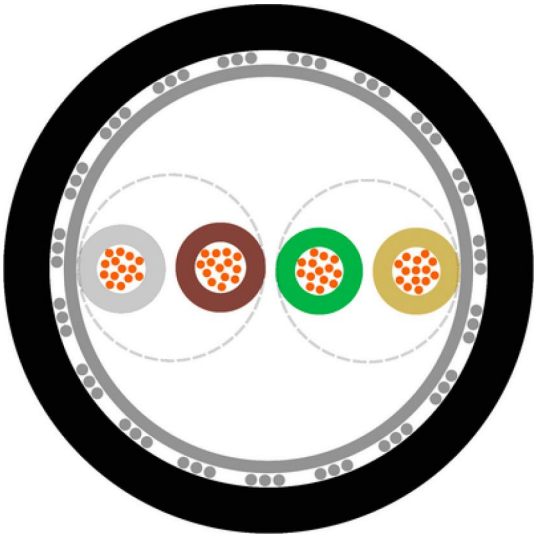
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Article number	Dimension and cross section in mm2	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
1030634	3 x 2 x 1.0	10	96	173
1030635	4 x 2 x 1.0	11.3	121	212
1030636	5 x 2 x 1.0	11.8	161	266

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