UNITRONIC® LiYY (TP) BK

Data cable with DIN 47100 colour code and twisted pairs, Black/ UV resistant/ Outdoor use

UNITRONIC® - Low-frequency PVC data cable, DIN 47100 colour code, Twisted Pairs, Flame retardant, Instrumentation Control Automation, Outdoor use (black sheath)

Info
The classic for multi-functional use - in black
TP = twisted pair
UV resistant/ Outdoor use





Suitable for outdoor use



UV-resistant

Benefits
Decoupling of circuits by means of
twisted-pair (TP) design (crosstalk effects)
Outdoor use according to European standards

Application range
Dry or damp rooms
Outdoor use according to European standards

Product features
Twisted in pairs to reduce decoupling. As a result, additional screening is often not required.
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
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

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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:	Approx. 120 nF/km
Inductivity:	approx. 0.65 mH/km
Conductor stranding:	Fine copper wire strands
Minimum bending radius:	Occasional flexing: 10 x outer diameter Fixed installation: 4 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]
1030400	2 x 2 x 0.14	4.5	5.4	25
1030401	3 x 2 x 0.14	5	8	32
1030402	4 x 2 x 0.14	5.6	10.7	38
1030403	5 x 2 x 0.14	5.8	13.4	45
1030404	6 x 2 x 0.14	6.3	16.1	51
1030405	10 x 2 x 0.14	8.1	26.9	77
1030407	16 x 2 x 0.14	9.2	43	110
1030408	2 x 2 x 0.25	5.7	9.6	38
1030409	3 x 2 x 0.25	6.3	14.4	48
1030410	4 x 2 x 0.25	7	19.2	59
1030411	6 x 2 x 0.25	7.9	28.8	80
1030412	8 x 2 x 0.25	9.3	38.4	98
1030413	2 x 2 x 0.5	7.3	19.2	72
1030414	3 x 2 x 0.5	8.1	28.8	83
1030415	4 x 2 x 0.5	8.8	38.4	115
1030416	8 x 2 x 0.5	12.3	76.8	206
1030417	10 x 2 x 0.5	13.3	96	247

Last Update (21.12.2023)
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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
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