

UNITRONIC® LiYY BK

Data cable w/ colour code per DIN 47100, Black/ UV-resistant/ Outdoor use

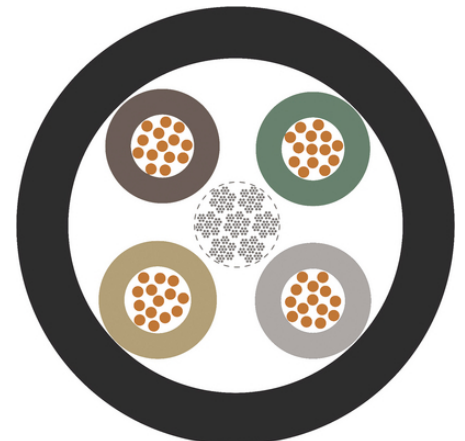
UNITRONIC® Low-freq PVC data cable DIN 47100 Flexible (0.34 mm² multi-wire) Flame retardant, Instrumentation Control Automation, Black UV-resistant Outdoor use

Info

The classic for multi-functional use - in black

UV resistant/ Outdoor use

CPR: Article number choice under www.lappkabel.com/cpr



Suitable for outdoor use



UV-resistant

Benefits

Space-saving installation due to small cable diameters

Multifunctional application possibilities

Depending on the quantity, the outer sheath can also be produced in other colours to match your application needs

Outdoor use according to European standards

Application range

UNITRONIC® LiYY is also used as a control and signal cable in electronics of computer systems, electronic control equipment, office machines, balances, etc.

Dry or damp rooms

Occasional flexing

Outdoor use according to European standards

Product features

Despite the large number of cores, LiYY data cables have small outer diameters

Flame-retardant according IEC 60332-1-2

UV resistant according to EN 50525-1

Last Update (05.05.2021)

©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® LiYY BK

Ozone-resistant

Norm references / Approvals

Based on VDE 0812

Product Make-up

Fine-wire/multi-wire (0.34 mm²) strand made of bare copper wires

Core insulation made of PVC

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 without colour repetition, refer to Appendix T9
Mutual capacitance:	Approx. 120 nF/km
Inductivity:	approx. 0.65 mH/km
Conductor stranding:	Stranded, fine-wire 0.34 mm ² : 7-wire
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.

UNITRONIC® LIYY BK

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
1030200	2 x 0.14	3.2	2.7	13
1030201	3 x 0.14	3.4	4.05	16
1030202	4 x 0.14	3.6	5.4	18
1030203	5 x 0.14	3.9	6.72	22
1030204	7 x 0.14	4.2	9.45	28
1030205	8 x 0.14	4.9	10.2	35
1030206	10 x 0.14	5.2	13.5	41
1030207	12 x 0.14	5.6	16.2	48
1030208	14 x 0.14	5.8	18.9	52
1030209	16 x 0.14	6.1	21.6	59
1030210	20 x 0.14	7	27	70
1030211	25 x 0.14	7.8	33.6	87
1030212	36 x 0.14	8.6	48.6	126
1030213	37 x 0.14	8.9	49.7	118
1030214	40 x 0.14	9.3	54	139
1030215	50 x 0.14	10.4	67.5	170
1030217	2 x 0.25	3.8	4.8	18
1030218	3 x 0.25	4	7.2	22
1030219	4 x 0.25	4.3	9.6	26
1030220	5 x 0.25	4.7	12	31
1030221	6 x 0.25	5.1	14.4	42
1030222	7 x 0.25	5.1	16.8	42
1030223	8 x 0.25	6.2	19.2	49
1030224	10 x 0.25	6.8	24	58
1030225	12 x 0.25	7	28.8	67
1030226	14 x 0.25	7.3	33.6	75
1030227	16 x 0.25	7.7	38.4	84
1030228	18 x 0.25	8.1	43.2	93
1030229	20 x 0.25	8.6	48	102
1030230	25 x 0.25	9.6	60	134
1030231	30 x 0.25	10.3	72	155
1030232	32 x 0.25	10.7	76.8	164
1030233	36 x 0.25	11.1	86.4	182
1030234	37 x 0.25	11.4	88.8	185

Last Update (05.05.2021)

©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® LIYY BK

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
1030235	40 x 0.25	12	96.1	200
1030236	50 x 0.25	12.9	120	257
1030237	2 x 0.34	4.2	6.6	25
1030238	3 x 0.34	4.4	9.9	31
1030239	4 x 0.34	4.8	13.1	43
1030240	5 x 0.34	5.5	16.5	53
1030241	6 x 0.34	5.9	19.6	53
1030242	7 x 0.34	5.9	22.8	62
1030243	8 x 0.34	7.1	26.1	73
1030244	10 x 0.34	7.6	32.6	82
1030245	12 x 0.34	7.8	39.1	102
1030246	14 x 0.34	8.2	45.7	109
1030247	16 x 0.34	8.7	52	127
1030248	20 x 0.34	9.6	65.2	159
1030249	21 x 0.34	10.4	68.6	167
1030250	25 x 0.34	11.2	81.6	190
1030251	30 x 0.34	11.6	98	226
1030252	36 x 0.34	12.5	118	284
1030253	40 x 0.34	13.5	131	317
1030254	50 x 0.34	15	163	407
1030255	2 x 0.5	4.7	9.6	30
1030256	3 x 0.5	5	14.4	39
1030257	4 x 0.5	5.6	19.2	49
1030258	5 x 0.5	6.1	24	65
1030259	7 x 0.5	6.9	33.6	82
1030260	8 x 0.5	8	38.4	90
1030261	10 x 0.5	8.6	48	117
1030262	12 x 0.5	8.9	58	133
1030263	16 x 0.5	10.2	77	170
1030264	20 x 0.5	11.4	96	214
1030265	25 x 0.5	12.7	120	265
1030266	30 x 0.5	13.2	144	304
1030267	40 x 0.5	15.8	192	392
1030268	2 x 0.75	5.1	14.4	48

Last Update (05.05.2021)

©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® LIYY BK

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
1030269	3 x 0.75	5.6	21.6	57
1030270	4 x 0.75	6.1	28.8	69
1030271	5 x 0.75	6.9	36	78
1030272	7 x 0.75	7.5	50	112
1030273	8 x 0.75	8.7	58	126
1030274	10 x 0.75	9.4	72	149
1030275	12 x 0.75	10.1	86	176
1030276	16 x 0.75	11.2	115	218
1030277	20 x 0.75	12.4	144	274
1030278	25 x 0.75	14	180	320
1030279	2 x 1.0	5.6	19.2	55
1030280	3 x 1.0	5.9	29	70
1030281	4 x 1.0	6.4	38.4	79
1030282	5 x 1.0	7.3	48	98
1030283	2 x 1.5	6.2	29	74
1030284	3 x 1.5	6.8	43	89
1030285	4 x 1.5	7.4	58	105

Last Update (05.05.2021)

©2021 Lapp Group - Technical changes reserved

Product Management www.lappkabel.deYou can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

UNITRONIC® LiYY BK

