

## UNITRONIC® LIYCY BK

Shielded data cable with colour code acc. to DIN 47100, Black/ UV resistant/ Outdoor use

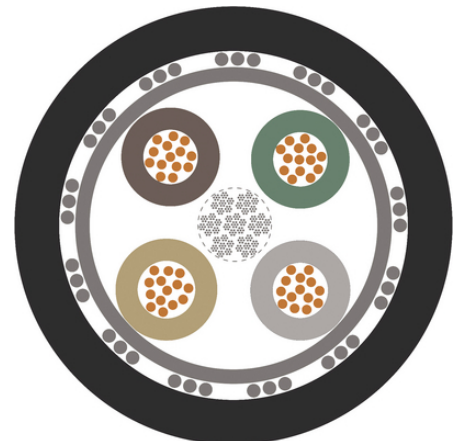
UNITRONIC® Shielded PVC data cable DIN 47100 Flexible (0.34 mm<sup>2</sup> multi-wire) Flame retardant, Instrumentation Control Automation, Black UV-resistant Outdoor use

### Info

The classic for multi-functional use - in black

UV resistant/ Outdoor use

CPR: Article number choice under [www.lappkabel.com/cpr](http://www.lappkabel.com/cpr)



Suitable for outdoor use



Interference signals



UV-resistant

### Benefits

Overall braid minimises electrical interference

Multifunctional application possibilities

Outdoor use according to European standards

### Application range

Screened cables with small dimensions are suitable for use in computer systems, instrumentation technology, office equipment, balances.

Dry or damp rooms

Outdoor use according to European standards

### Product features

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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

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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/multi-wire (0.34 mm<sup>2</sup>) strand made of bare copper wires  
Core insulation made of PVC  
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 without colour repetition, 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:	Stranded, fine-wire 0.34 mm <sup>2</sup> : 7-wire
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.

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Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
1030450	2 x 0.14	3.9	12	20
1030451	3 x 0.14	4.1	13	28
1030452	4 x 0.14	4.3	14.3	33
1030453	5 x 0.14	4.6	15.5	38
1030454	6 x 0.14	4.9	18.2	38
1030455	7 x 0.14	4.9	19	49
1030456	8 x 0.14	5.8	21.2	56
1030457	10 x 0.14	6.1	28.5	66
1030458	12 x 0.14	6.3	30.4	78
1030459	14 x 0.14	6.7	32	80
1030460	15 x 0.14	6.9	37.8	86
1030461	16 x 0.14	7	43	90
1030462	18 x 0.14	7.3	48.8	104
1030463	20 x 0.14	7.7	53.9	116
1030464	21 x 0.14	7.9	55.5	121
1030466	25 x 0.14	8.5	63	149
1030467	28 x 0.14	8.5	66.1	153
1030468	30 x 0.14	8.7	69	158
1030469	36 x 0.14	9.3	83	183
1030470	40 x 0.14	10.4	87.5	210
1030471	44 x 0.14	10.7	110.5	225
1030472	50 x 0.14	11.1	122.5	195
1030473	2 x 0.25	4.5	16	32
1030474	3 x 0.25	4.7	21	37
1030475	4 x 0.25	5	24	41
1030476	5 x 0.25	5.6	29	51
1030477	6 x 0.25	6	30	58
1030478	7 x 0.25	6	37	60
1030479	8 x 0.25	7.1	42	73
1030480	10 x 0.25	7.5	46	82
1030481	12 x 0.25	7.7	53	98
1030482	14 x 0.25	8	59	99
1030483	15 x 0.25	8.3	61	111
1030484	16 x 0.25	8.4	64	124

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1030485	18 x 0.25	8.8	83	143
1030486	20 x 0.25	9.3	88	136
1030487	21 x 0.25	9.6	93	161
1030488	25 x 0.25	10.7	114	172
1030489	28 x 0.25	10.8	126	181
1030490	32 x 0.25	11.4	138	203
1030491	36 x 0.25	11.8	148	220
1030492	40 x 0.25	12.7	157	248
1030493	50 x 0.25	13.8	178	318
1030494	61 x 0.25	15	205	365
1030495	2 x 0.34	4.9	21	37
1030496	3 x 0.34	5.1	27	42
1030497	4 x 0.34	5.7	28	52
1030498	5 x 0.34	6.2	30	66
1030499	6 x 0.34	6.8	45	64
1030500	7 x 0.34	6.8	48	76
1030501	8 x 0.34	7.8	52	94
1030502	10 x 0.34	8.3	74	105
1030503	12 x 0.34	8.5	80	123
1030504	14 x 0.34	8.9	86	154
1030505	15 x 0.34	9.2	90	155
1030506	16 x 0.34	9.4	94	160
1030507	18 x 0.34	10.2	103	173
1030508	20 x 0.34	10.7	112	192
1030509	21 x 0.34	11.1	116	199
1030510	25 x 0.34	11.9	135	259
1030511	28 x 0.34	12	153	280
1030512	30 x 0.34	12.3	159	291
1030513	32 x 0.34	13	165	305
1030514	36 x 0.34	13.4	179	331
1030515	40 x 0.34	14.8	200	365
1030516	50 x 0.34	15.9	235	431
1030517	2 x 0.5	5.6	29	47
1030518	3 x 0.5	5.9	38	55

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1030519	4 x 0.5	6.3	43	70
1030520	5 x 0.5	7	51	79
1030521	6 x 0.5	7.6	59	90
1030522	7 x 0.5	7.6	65	99
1030523	8 x 0.5	8.7	70	135
1030524	10 x 0.5	9.3	88	139
1030525	12 x 0.5	9.6	99	177
1030526	18 x 0.5	11.8	134	239
1030527	20 x 0.5	12.1	149	276
1030528	25 x 0.5	13.7	211	352
1030529	30 x 0.5	14.5	230	397
1030530	2 x 0.75	6	38	53
1030531	3 x 0.75	6.3	49	65
1030532	4 x 0.75	7	58	79
1030533	5 x 0.75	7.6	67	109
1030534	7 x 0.75	8.2	100	112
1030535	10 x 0.75	10.5	130	187
1030536	12 x 0.75	10.8	154	218
1030537	18 x 0.75	13	195	327
1030538	25 x 0.75	15.3	280	454
1030539	30 x 0.75	15.8	312	486
1030540	2 x 1.0	6.3	43	72
1030541	3 x 1.0	6.8	56	90
1030542	4 x 1.0	7.3	68	109
1030543	5 x 1.0	8	79	126
1030544	7 x 1.0	8.6	118	162
1030545	10 x 1.0	11.1	140	228
1030546	12 x 1.0	11.4	168	259
1030547	18 x 1.0	13.4	252	389
1030548	25 x 1.0	16.2	335	517
1030549	2 x 1.5	7.1	58	90
1030550	3 x 1.5	7.5	74	115
1030551	4 x 1.5	8.1	108	129
1030552	5 x 1.5	8.8	129	176

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1030553	7 x 1.5	9.5	164	220
1030554	12 x 1.5	12.7	254	376
1030555	18 x 1.5	15.3	350	519
1030556	25 x 1.5	17.9	550	901

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