

UNITRONIC® LiYCY BK

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

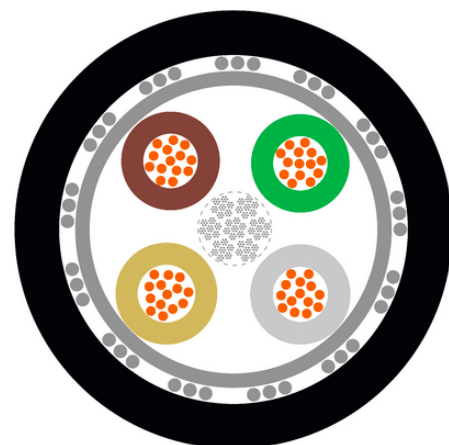
UNITRONIC® Shielded PVC data cable DIN 47100 Flexible (0.34 mm² multi-wire) Flame retardant, Instrumentation Control Automation, Black UV-resistant Outdoor use

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



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

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 mm²) 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 ² : 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

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 ² 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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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
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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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
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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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
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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