

## UNITRONIC® LiYCY

Screened data transmission cable with colour code acc. to DIN 47100

UNITRONIC® LiYCY: Low-frequency PVC data cable DIN 47100 coded Flexible (0.34mm<sup>2</sup> multi-wire Maxi TERMI-POINT®) Flame retardant Screened, Instrumentation Control



Interference signals

### Benefits

Overall braid minimises electrical interference  
Multifunctional application possibilities

### Application range

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

### Product features

Flame-retardant according IEC 60332-1-2

### 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: pebble grey (RAL 7032)

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You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## UNITRONIC® LiYCY

### 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.

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index [kg/km]
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0034302	2 x 0.14	3.9	12
0034303	3 x 0.14	4.1	13
0034304	4 x 0.14	4.3	14.3
0034305	5 x 0.14	4.6	15.5
0034306	6 x 0.14	4.9	18.2
0034307	7 x 0.14	4.9	19
0034308	8 x 0.14	5.8	21.2
0034310	10 x 0.14	6.1	28.5
0034312	12 x 0.14	6.3	30.4
0034314	14 x 0.14	6.7	32
0034315	15 x 0.14	6.9	37.8
0034316	16 x 0.14	7	43
0034318	18 x 0.14	7.3	48.8
0034320	20 x 0.14	7.7	53.9
0034321	21 x 0.14	7.9	55.5
0034324	24 x 0.14	8.3	61
0034325	25 x 0.14	8.5	63
0034328	28 x 0.14	8.5	66.1
0034330	30 x 0.14	8.7	69
0034336	36 x 0.14	9.3	83
0034340	40 x 0.14	10.4	87.5
0034344	44 x 0.14	10.7	110.5
0034350	50 x 0.14	11.1	122.5
0034402	2 x 0.25	4.5	16
0034403	3 x 0.25	4.7	21
0034404	4 x 0.25	5	24
0034405	5 x 0.25	5.6	29
0034406	6 x 0.25	6	30
0034407	7 x 0.25	6	37
0034408	8 x 0.25	7.1	42
0034410	10 x 0.25	7.5	46
0034412	12 x 0.25	7.7	53
0034414	14 x 0.25	8	59

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0034415	15 x 0.25	8.3	61
0034416	16 x 0.25	8.4	64
0034418	18 x 0.25	8.8	83
0034420	20 x 0.25	9.3	88
0034421	21 x 0.25	9.6	93
0034425	25 x 0.25	10.7	114
0034428	28 x 0.25	10.8	126
0034432	32 x 0.25	11.4	138
0034436	36 x 0.25	11.8	148
0034440	40 x 0.25	12.7	157
0034450	50 x 0.25	13.8	178
0034461	61 x 0.25	15	205
0034502	2 x 0.34	4.9	21
0034503	3 x 0.34	5.1	27
0034504	4 x 0.34	5.7	28
0034505	5 x 0.34	6.2	30
0034506	6 x 0.34	6.8	45
0034507	7 x 0.34	6.8	48
0034508	8 x 0.34	7.8	52
0034510	10 x 0.34	8.3	74
0034512	12 x 0.34	8.5	80
0034514	14 x 0.34	8.9	86
0034515	15 x 0.34	9.2	90
0034516	16 x 0.34	9.4	94
0034518	18 x 0.34	10.2	103
0034520	20 x 0.34	10.7	112
0034521	21 x 0.34	11.1	116
0034525	25 x 0.34	11.9	135
0034528	28 x 0.34	12	153
0034530	30 x 0.34	12.3	159
0034532	32 x 0.34	13	165
0034536	36 x 0.34	13.4	179
0034540	40 x 0.34	14.8	200
0034550	50 x 0.34	15.9	235

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Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index [kg/km]
0034602	2 x 0.5	5.6	29
0034603	3 x 0.5	5.9	38
0034604	4 x 0.5	6.3	43
0034605	5 x 0.5	7	51
0034606	6 x 0.5	7.6	59
0034607	7 x 0.5	7.6	65
0034608	8 x 0.5	8.7	70
0034610	10 x 0.5	9.3	88
0034612	12 x 0.5	9.6	99
0034618	18 x 0.5	11.8	134
0034620	20 x 0.5	12.1	149
0034625	25 x 0.5	13.7	211
0034630	30 x 0.5	14.5	230
0034702	2 x 0.75	6	38
0034703	3 x 0.75	6.3	49
0034704	4 x 0.75	7	58
0034705	5 x 0.75	7.6	67
0034707	7 x 0.75	8.2	100
0034710	10 x 0.75	10.5	130
0034712	12 x 0.75	10.8	154
0034718	18 x 0.75	13	195
0034725	25 x 0.75	15.3	280
0034730	30 x 0.75	15.8	312
0034802	2 x 1.0	6.3	43
0034803	3 x 1.0	6.8	56
0034804	4 x 1.0	7.3	68
0034805	5 x 1.0	8	79
0034807	7 x 1.0	8.6	118
0034810	10 x 1.0	11.1	140
0034812	12 x 1.0	11.4	168
0034818	18 x 1.0	13.4	252
0034825	25 x 1.0	16.2	335
0034902	2 x 1.5	7.1	58
0034903	3 x 1.5	7.5	74

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Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index [kg/km]
0034904	4 x 1.5	8.1	108
0034905	5 x 1.5	8.8	129
0034907	7 x 1.5	9.5	164
0034912	12 x 1.5	12.7	254
0034918	18 x 1.5	15.3	350
0034925	25 x 1.5	17.9	550

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