

UNITRONIC® LiYCY



Application range

- Used for computer systems, MSR technology, office machinery, scales - screened cables with small dimensions.
- Dry and damp indoors

Product features

- Colour code in accordance with DIN 47100
- Flame-retardant acc. to IEC 60332-1-2

Approvals (Norm references)



Product Make-up

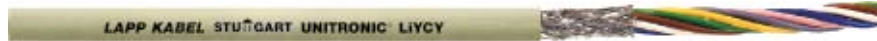
- Bare copper wire stranded conductor
- PVC core insulation and outer sheath
- Screen made of tinned copper wire braid
- Colour: pebble grey (RAL 7032)

Technical data

- Core identification code**
DIN 47100, without colour repetition, see Table T9
- Mutual capacitance**
C/C approx. 140 nF/km
C/S approx. 150 nF/km
- Peak working voltage**
(not for power purposes) 250 V
- Based on**
VDE 0812
- Specific insulation resistance**
> 20 GOhm x cm
- Inductivity**
approx. 0.65 mH/km
- Conductor stranding**
Strand, fine wire
0.34 mm², 7 wire
- Conductor resistance**
See table T11
- Minimum bending radius**
For flexible applications:
15 x cable diameter
fixed installation:
6 x cable diameter
- Test voltage**
At 0.14 mm²: 1200 V
> 0.14 mm²: 1500 V
- Range of temperature**
fixed installation: -40 to +80 °C

Part number	Number of cores and mm ² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
UNITRONIC® LiYCY				
0034302	2 x 0.14	3.9	12.0	20.0
0034303	3 x 0.14	4.1	13.0	28.0
0034304	4 x 0.14	4.3	14.3	33.0
0034305	5 x 0.14	4.6	15.5	38.0
0034306	6 x 0.14	4.9	18.2	38.0
0034307	7 x 0.14	4.9	19.0	49.0
0034308	8 x 0.14	5.8	21.2	56.0
0034310	10 x 0.14	6.1	28.5	66.0
0034312	12 x 0.14	6.3	30.4	78.0
0034314	14 x 0.14	6.7	32.0	80.0
0034315	15 x 0.14	6.9	37.8	86.0
0034316	16 x 0.14	7.0	43.0	90.0
0034318	18 x 0.14	7.3	48.8	104.0
0034320	20 x 0.14	7.7	53.9	116.0
0034321	21 x 0.14	7.9	55.5	121.0
0034325	25 x 0.14	8.4	63.0	149.0
0034328	28 x 0.14	8.5	66.1	153.0
0034330	30 x 0.14	8.7	69.0	158.0
0034332	32 x 0.14	9.0	73.6	164.0
0034336	36 x 0.14	9.3	83.0	183.0
0034340	40 x 0.14	10.4	87.5	210.0
0034344	44 x 0.14	10.7	110.5	225.0
0034350	50 x 0.14	11.1	122.5	253.0
0034402	2 x 0.25	4.5	16.0	32.0
0034403	3 x 0.25	4.7	21.0	37.0
0034404	4 x 0.25	5.0	24.0	41.3
0034405	5 x 0.25	5.6	29.0	51.2
0034406	6 x 0.25	6.0	30.0	58.0
0034407	7 x 0.25	6.0	37.0	65.0
0034408	8 x 0.25	7.1	42.0	73.0
0034410	10 x 0.25	7.5	46.0	82.0
0034412	12 x 0.25	7.7	53.0	145.0
0034414	14 x 0.25	8.0	59.0	99.0
0034415	15 x 0.25	8.3	61.0	111.0
0034416	16 x 0.25	8.4	64.0	124.0
0034418	18 x 0.25	8.8	83.0	143.0
0034420	20 x 0.25	9.3	88.0	152.3
0034421	21 x 0.25	9.6	93.0	161.0
0034425	25 x 0.25	10.7	114.0	172.0
0034428	28 x 0.25	10.8	126.0	181.1
0034430	30 x 0.25	11.0	132.0	189.0
0034432	32 x 0.25	11.4	138.0	203.0
0034436	36 x 0.25	11.8	148.0	220.0
0034440	40 x 0.25	12.7	157.0	248.0
0034450	50 x 0.25	13.8	178.0	318.0
0034461	61 x 0.25	15.0	205.0	365.2
0034502	2 x 0.34	4.9	21.0	37.0
0034503	3 x 0.34	5.1	27.0	49.0
0034504	4 x 0.34	5.7	28.0	59.0
0034505	5 x 0.34	6.2	30.0	66.0
0034506	6 x 0.34	6.8	45.0	79.0
0034507	7 x 0.34	6.8	48.0	83.0
0034508	8 x 0.34	7.8	52.0	94.0

UNITRONIC® Li2CY



Part number	Number of cores and mm ² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
UNITRONIC® Li2CY				
0034510	10 x 0.34	8.3	74.0	129.2
0034512	12 x 0.34	8.5	80.0	142.0
0034514	14 x 0.34	8.9	86.0	154.0
0034515	15 x 0.34	9.2	90.0	155.0
0034516	16 x 0.34	9.4	94.0	160.0
0034518	18 x 0.34	10.2	103.0	173.0
0034520	20 x 0.34	10.7	112.0	192.0
0034521	21 x 0.34	11.1	116.0	199.2
0034525	25 x 0.34	11.9	135.0	259.0
0034528	28 x 0.34	12.0	153.0	280.0
0034530	30 x 0.34	12.3	159.0	291.1
0034532	32 x 0.34	13.0	165.0	305.0
0034536	36 x 0.34	13.4	179.0	331.0
0034540	40 x 0.34	14.8	200.0	365.0
0034550	50 x 0.34	15.9	235.0	431.0
0034602	2 x 0.50	5.6	29.0	54.0
0034603	3 x 0.50	5.9	38.0	67.0
0034604	4 x 0.50	6.3	43.0	77.0
0034605	5 x 0.50	7.0	51.0	90.0
0034606	6 x 0.50	7.6	59.0	104.0
0034607	7 x 0.50	7.6	65.0	112.0
0034608	8 x 0.50	8.7	70.0	135.0
0034610	10 x 0.50	9.3	88.0	160.0
0034612	12 x 0.50	9.6	99.0	177.0
0034618	18 x 0.50	11.8	134.0	239.0
0034620	20 x 0.50	12.1	149.0	276.0
0034625	25 x 0.50	13.7	211.0	352.0
0034630	30 x 0.50	14.5	230.0	397.0
0034702	2 x 0.75	6.0	38.0	64.0
0034703	3 x 0.75	6.3	49.0	76.0
0034704	4 x 0.75	7.0	58.0	92.0
0034705	5 x 0.75	7.6	67.0	109.0
0034707	7 x 0.75	8.2	100.0	156.0
0034710	10 x 0.75	10.5	130.0	187.0
0034712	12 x 0.75	10.8	154.0	218.0
0034718	18 x 0.75	13.0	195.0	327.0
0034725	25 x 0.75	15.3	280.0	454.0
0034730	30 x 0.75	15.8	312.0	486.0
0034802	2 x 1.00	6.3	43.0	72.0
0034803	3 x 1.00	6.8	56.0	90.0
0034804	4 x 1.00	7.3	68.0	109.0
0034805	5 x 1.00	8.0	79.0	126.0
0034807	7 x 1.00	8.6	118.0	171.0
0034810	10 x 1.00	11.1	140.0	228.0
0034812	12 x 1.00	11.4	168.0	259.0
0034818	18 x 1.00	13.4	252.0	389.0
0034825	25 x 1.00	16.2	335.0	517.0
0034902	2 x 1.50	7.5	58.0	90.0
0034903	3 x 1.50	7.9	74.0	115.0
0034904	4 x 1.50	8.5	108.0	153.0
0034905	5 x 1.50	9.3	129.0	176.0
0034907	7 x 1.50	10.5	164.0	220.0
0034912	12 x 1.50	13.7	254.0	376.0
0034918	18 x 1.50	16.3	350.0	519.0
0034925	25 x 1.50	19.9	550.0	901.0

Copper price basis: EUR 150 / 100 kg
 Our standard lengths, please visit: www.lappkabel.de/en/cable-standardlengths/
 Packaging size: Coil ≤ 30 kg or ≤ 250 m, otherwise drum
 Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

■ **Comparable products**

- Li2YCY see page 200
- Li5YCY see page 200

■ **Accessories**

- SKINTOP® MS-SC see page 623
- Multipurpose shears A and B see page 818

