

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 according to IEC 60332-1-2

Approvals (Norm references)



Design

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

Technical data

- Core identification code**
DIN 47100 without colour repetition, see Appendix T9
- Mutual capacitance**
C/G approx. 120 nF/km
C/S: approx. 160 nF/km
- Peak working voltage**
(not for power applications) 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 Appendix 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°C up to +80°C
Flexing: -5°C up to +70°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