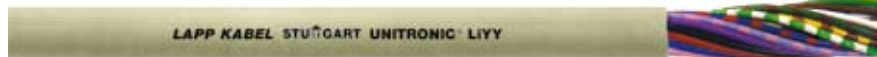


UNITRONIC® LiYY



Benefits

- Considering economic minimum quantities the outer sheath can also be produced in special colours on request which match the special colour design of a device for example.
- Highly resistant against acids, lyes and certain oils at room temperature

Application range

- UNITRONIC® LiYY is also used as a control and signal cable in electronics of computer systems, electronic control equipment, office machines, balances, etc.
- Dry and damp indoors

Product features

- Despite the large number of cores, LiYY data cables have small outer diameters
- Core colour code in accordance with DIN 47100 but no colour repetition
- 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
- Cores twisted in layers
- Colour: pebble grey (RAL 7032)

Technical data

- Core identification code**
DIN 47100, Appendix T9, without colour repetition
- Mutual capacitance**
Approx. 120 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 table T11
- Minimum bending radius**
Flexing:
15 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
Flexing: -5 °C 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® LiYY				
0028202	2 x 0.14	3.2	2.7	13.2
0028203	3 x 0.14	3.4	4.0	16.0
0028204	4 x 0.14	3.6	5.4	18.9
0028205	5 x 0.14	3.9	6.7	22.2
0028207	7 x 0.14	4.2	9.4	28.4
0028208	8 x 0.14	4.9	10.2	35.2
0028210	10 x 0.14	5.2	13.5	41.2
0028212	12 x 0.14	5.6	16.2	48.4
0028214	14 x 0.14	5.8	18.9	52.9
0028216	16 x 0.14	6.1	21.6	59.1
0028220	20 x 0.14	7.0	27.0	70.8
0028221	21 x 0.14	7.2	28.4	76.9
0028225	25 x 0.14	7.8	33.6	87.2
0028230	30 x 0.14	8.0	40.5	108.4
0028236	36 x 0.14	8.6	48.6	126.8
0028237	37 x 0.14	8.9	49.7	118.0
0028240	40 x 0.14	9.3	54.0	139.1
0028250	50 x 0.14	10.4	67.5	170.9
0028256	56 x 0.14	10.7	75.3	187.0
0028302	2 x 0.25	3.8	4.8	18.0
0028303	3 x 0.25	4.0	7.2	22.0
0028304	4 x 0.25	4.3	9.6	26.2
0028305	5 x 0.25	4.7	12.0	31.0
0028307	7 x 0.25	5.1	16.8	42.0
0028308	8 x 0.25	6.2	19.2	49.2
0028310	10 x 0.25	6.8	24.0	58.0
0028312	12 x 0.25	7.0	28.8	67.0
0028314	14 x 0.25	7.3	33.6	75.3
0028316	16 x 0.25	7.7	38.4	84.3
0028318	18 x 0.25	8.1	43.2	93.0
0028320	20 x 0.25	8.6	48.0	102.0
0028325	25 x 0.25	9.6	60.0	134.0
0028330	30 x 0.25	10.3	72.0	155.0
0028332	32 x 0.25	10.7	76.8	164.0
0028336	36 x 0.25	11.1	86.4	182.2
0028337	37 x 0.25	11.4	88.8	185.0
0028340	40 x 0.25	12.0	96.1	200.0
0028350	50 x 0.25	12.9	120.0	257.1
0028402	2 x 0.34	4.2	6.6	22.2
0028403	3 x 0.34	4.4	9.9	31.0
0028404	4 x 0.34	4.8	13.1	43.2
0028405	5 x 0.34	5.5	16.5	53.8

Part number	Number of cores and mm ² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
0028407	7 x 0.34	5.9	22.8	62.0
0028408	8 x 0.34	7.1	26.1	73.1
0028410	10 x 0.34	7.6	32.6	82.0
0028412	12 x 0.34	7.8	39.1	102.0
0028414	14 x 0.34	8.2	45.7	109.0
0028416	16 x 0.34	8.7	52.0	127.0
0028420	20 x 0.34	9.6	65.2	159.3
0028421	21 x 0.34	10.4	68.6	167.0
0028425	25 x 0.34	11.2	81.6	190.0
0028430	30 x 0.34	11.6	98.0	226.0
0028436	36 x 0.34	12.5	118.0	284.0
0028440	40 x 0.34	13.5	131.0	317.0
0028450	50 x 0.34	15.0	163.0	407.0
0028502	2 x 0.50	4.7	9.6	40.0
0028503	3 x 0.50	5.0	14.4	47.0
0028504	4 x 0.50	5.6	19.2	56.0
0028505	5 x 0.50	6.1	24.0	65.0
0028507	7 x 0.50	6.9	33.6	82.0
0028508	8 x 0.50	8.0	38.4	90.0
0028510	10 x 0.50	8.6	48.0	117.0
0028512	12 x 0.50	8.9	58.0	133.0
0028516	16 x 0.50	10.2	77.0	170.0
0028520	20 x 0.50	11.4	96.0	214.0
0028525	25 x 0.50	12.3	120.0	265.0
0028530	30 x 0.50	13.2	144.0	304.0
0028540	40 x 0.50	15.8	192.0	392.0
0028602	2 x 0.75	5.1	14.4	48.0
0028603	3 x 0.75	5.6	21.6	57.0
0028604	4 x 0.75	6.1	28.8	69.0
0028605	5 x 0.75	6.9	36.0	78.0
0028607	7 x 0.75	7.5	50.0	112.0
0028608	8 x 0.75	8.7	58.0	126.0
0028610	10 x 0.75	9.4	72.0	149.0
0028612	12 x 0.75	10.1	86.0	176.0
0028616	16 x 0.75	11.2	115.0	218.0
0028620	20 x 0.75	12.4	144.0	274.0
0028625	25 x 0.75	14.0	180.0	285.0
0028702	2 x 1.00	5.6	19.2	55.0
0028703	3 x 1.00	5.9	29.0	70.0
0028705	5 x 1.00	7.3	48.0	98.0
0028802	2 x 1.50	6.8	29.0	74.0
0028803	3 x 1.50	7.2	43.0	89.0
0028804	4 x 1.50	7.8	58.0	105.0

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)

