



**Description:** UNITRONIC LiYY 2 x 0,5\_

**Lapp code:** Lapp 0028502

The **Test voltage** of the cable Lapp 0028502 is At 0.14 mm<sup>2</sup>: 1200 V ? 0.25 mm<sup>2</sup>: 1500 V.

## 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 or damp rooms
- Occasional flexing

## Product Make-up

- Fine-wire/multi-wire (0.34 mm<sup>2</sup>) strand made of bare copper wires
- Core insulation made of PVC
- Outer sheath made of PVC  
Outer sheath colour: pebble grey (RAL 7032)

In our Cable list on next page you can find all interesting information acc. article Lapp 0028502 and much more.

## CABLE LIST - all informations you need you can find here

Product Name	Lapp Nr.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® LiYY					
UNITRONIC LiYY 2 x 0,14	Lapp 0028202	2 x 0,14	3.2	2.7	13.2
UNITRONIC LiYY 3 x 0,14	Lapp 0028203	3 x 0,14	3.4	4.05	16
UNITRONIC LiYY 4 x 0,14	Lapp 0028204	4 x 0,14	3.6	5.4	18.9
UNITRONIC LiYY 5 x 0,14	Lapp 0028205	5 x 0,14	3.9	6.75	22.2
UNITRONIC LiYY 7 x 0,14	Lapp 0028207	7 x 0,14	4.2	9.45	28.4
UNITRONIC LiYY 8 x 0,14	Lapp 0028208	8 x 0,14	4.9	10.2	35.2
UNITRONIC LiYY 10 x 0,14	Lapp 0028210	10 x 0,14	5.2	13.5	41.2
UNITRONIC LiYY 12 x 0,14	Lapp 0028212	12 x 0,14	5.6	16.2	48.4
UNITRONIC LiYY 14 x 0,14	Lapp 0028214	14 x 0,14	5.8	18.9	52.9
UNITRONIC LiYY 16 x 0,14	Lapp 0028216	16 x 0,14	6.1	21.6	59.1
UNITRONIC LiYY 20 x 0,14	Lapp 0028220	20 x 0,14	7.0	27.0	70.8
UNITRONIC LiYY 25 x 0,14	Lapp 0028225	25 x 0,14	7.8	33.6	87.2
UNITRONIC LiYY 36 x 0,14	Lapp 0028236	36 x 0,14	8.6	48.6	126.8
UNITRONIC LiYY 37 x 0,14	Lapp 0028237	37 x 0,14	8.9	49.7	118
UNITRONIC LiYY 40 x 0,14	Lapp 0028240	40 x 0,14	9.3	54.0	139.1
UNITRONIC LiYY 50 x 0,14	Lapp 0028250	50 x 0,14	10.4	67.5	170.9
UNITRONIC LiYY 56 x 0,14	Lapp 0028256	56 x 0,14	10.7	78.4	187
UNITRONIC LiYY 2 x 0,25	Lapp 0028302	2 x 0,25	3.8	4.8	18
UNITRONIC LiYY 3 x 0,25	Lapp 0028303	3 x 0,25	4.0	7.2	22
UNITRONIC LiYY 4 x 0,25	Lapp 0028304	4 x 0,25	4.3	9.6	26.2
UNITRONIC LiYY 5 x 0,25	Lapp 0028305	5 x 0,25	4.7	12.0	31
UNITRONIC LiYY 6 x 0,25	Lapp 0028306	6 x 0,25	5.1	14.4	39
UNITRONIC LiYY 7 x 0,25	Lapp 0028307	7 x 0,25	5.1	16.8	42
UNITRONIC LiYY 8 x 0,25	Lapp 0028308	8 x 0,25	6.2	19.2	49.2

# UNITRONIC LiYY 2 x 0,5\_

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Product Name	Lapp Nr.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC LiYY 10 x 0,25	Lapp 0028310	10 x 0,25	6.8	24.0	58
UNITRONIC LiYY 12 x 0,25	Lapp 0028312	12 x 0,25	7.0	28.8	67
UNITRONIC LiYY 14 x 0,25	Lapp 0028314	14 x 0,25	7.3	33.6	75.3
UNITRONIC LiYY 16 x 0,25	Lapp 0028316	16 x 0,25	7.7	38.4	84.3
UNITRONIC LiYY 18 x 0,25	Lapp 0028318	18 x 0,25	8.1	43.2	93
UNITRONIC LiYY 20 x 0,25	Lapp 0028320	20 x 0,25	8.6	48.0	102
UNITRONIC LiYY 25 x 0,25	Lapp 0028325	25 x 0,25	9.6	60.0	134
UNITRONIC LiYY 30 x 0,25	Lapp 0028330	30 x 0,25	10.3	72.0	155
UNITRONIC LiYY 32 x 0,25	Lapp 0028332	32 x 0,25	10.7	76.8	164
UNITRONIC LiYY 36 x 0,25	Lapp 0028336	36 x 0,25	11.1	86.4	182.2
UNITRONIC LiYY 37 x 0,25	Lapp 0028337	37 x 0,25	11.4	88.8	185
UNITRONIC LiYY 40 x 0,25	Lapp 0028340	40 x 0,25	12.0	96.1	200
UNITRONIC LiYY 50 x 0,25	Lapp 0028350	50 x 0,25	12.9	120.0	257.1
UNITRONIC LiYY 2 x 0,34	Lapp 0028402	2 x 0,34	4.2	6.6	25
UNITRONIC LiYY 3 x 0,34	Lapp 0028403	3 x 0,34	4.4	9.9	31
UNITRONIC LiYY 4 x 0,34	Lapp 0028404	4 x 0,34	4.8	13.1	43.2
UNITRONIC LiYY 5 x 0,34	Lapp 0028405	5 x 0,34	5.5	16.5	53.8
UNITRONIC LiYY 6 x 0,34	Lapp 0028406	6 x 0,34	5.9	19.6	55
UNITRONIC LiYY 7 x 0,34	Lapp 0028407	7 x 0,34	5.9	22.8	62
UNITRONIC LiYY 8 x 0,34	Lapp 0028408	8 x 0,34	7.1	26.1	73.1
UNITRONIC LiYY 10 x 0,34	Lapp 0028410	10 x 0,34	7.6	32.6	82
UNITRONIC LiYY 12 x 0,34	Lapp 0028412	12 x 0,34	7.8	39.1	102
UNITRONIC LiYY 14 x 0,34	Lapp 0028414	14 x 0,34	8.2	45.7	109
UNITRONIC LiYY 16 x 0,34	Lapp 0028416	16 x 0,34	8.7	52.0	127
UNITRONIC LiYY 20 x 0,34	Lapp 0028420	20 x 0,34	9.6	65.2	159.3
UNITRONIC LiYY 21 x 0,34	Lapp 0028421	21 x 0,34	10.4	68.6	167

DATASHEET FOR UNITRONIC LiYY 2 x 0,5\_ by

PERTRONIC CABLES SASA PERIC ROSENSTR.6 74239 HARDTHAUSEN TEL: 07139-507-8687 FAX: 07139-507-8680

www.pertronic-cables.com | sales@pertronic.eu | Skype PERTRONIC-CABLES | see you GOOGLE + PERTRONIC KABEL

# UNITRONIC LiYY 2 x 0,5\_

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Product Name	Lapp Nr.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC LiYY 25 x 0,34	Lapp 0028425	25 x 0,34	11.2	81.6	190
UNITRONIC LiYY 30 x 0,34	Lapp 0028430	30 x 0,34	11.6	98.0	226
UNITRONIC LiYY 36 x 0,34	Lapp 0028436	36 x 0,34	12.5	118.0	284
UNITRONIC LiYY 40 x 0,34	Lapp 0028440	40 x 0,34	13.5	131.0	317
UNITRONIC LiYY 50 x 0,34	Lapp 0028450	50 x 0,34	15.0	163.0	407
UNITRONIC LiYY 2 x 0,5	Lapp 0028502	2 x 0,5	4.7	9.6	40
UNITRONIC LiYY 3 x 0,5	Lapp 0028503	3 x 0,5	5.0	14.4	47
UNITRONIC LiYY 4 x 0,5	Lapp 0028504	4 x 0,5	5.6	19.2	56
UNITRONIC LiYY 5 x 0,5	Lapp 0028505	5 x 0,5	6.1	24.0	65
UNITRONIC LiYY 7 x 0,5	Lapp 0028507	7 x 0,5	6.9	33.6	82
UNITRONIC LiYY 8 x 0,5	Lapp 0028508	8 x 0,5	8.0	38.4	90
UNITRONIC LiYY 10 x 0,5	Lapp 0028510	10 x 0,5	8.6	48.0	117
UNITRONIC LiYY 12 x 0,5	Lapp 0028512	12 x 0,5	8.9	58.0	133
UNITRONIC LiYY 16 x 0,5	Lapp 0028516	16 x 0,5	10.2	77.0	170
UNITRONIC LiYY 20 x 0,5	Lapp 0028520	20 x 0,5	11.4	96.0	214
UNITRONIC LiYY 25 x 0,5	Lapp 0028525	25 x 0,5	12.7	120.0	265
UNITRONIC LiYY 30 x 0,5	Lapp 0028530	30 x 0,5	13.2	144.0	304
UNITRONIC LiYY 40 x 0,5	Lapp 0028540	40 x 0,5	15.8	192.0	392
UNITRONIC LiYY 2 x 0,75	Lapp 0028602	2 x 0,75	5.1	14.4	48
UNITRONIC LiYY 3 x 0,75	Lapp 0028603	3 x 0,75	5.6	21.6	57
UNITRONIC LiYY 4 x 0,75	Lapp 0028604	4 x 0,75	6.1	28.8	69
UNITRONIC LiYY 5 x 0,75	Lapp 0028605	5 x 0,75	6.9	36.0	78
UNITRONIC LiYY 7 x 0,75	Lapp 0028607	7 x 0,75	7.5	50.0	112
UNITRONIC LiYY 8 x 0,75	Lapp 0028608	8 x 0,75	8.7	58.0	126
UNITRONIC LiYY 10 x 0,75	Lapp 0028610	10 x 0,75	9.4	72.0	149
UNITRONIC LiYY 12 x 0,75	Lapp 0028612	12 x 0,75	10.1	86.0	176

**UNITRONIC LiYY 2 x 0,5\_**

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Product Name	Lapp Nr.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC LiYY 16 x 0,75	Lapp 0028616	16 x 0,75	11.2	115.0	218
UNITRONIC LiYY 20 x 0,75	Lapp 0028620	20 x 0,75	12.4	144.0	274
UNITRONIC LiYY 25 x 0,75	Lapp 0028625	25 x 0,75	14.0	180.0	285
UNITRONIC LiYY 2 x 1	Lapp 0028702	2 x 1	5.6	19.2	55
UNITRONIC LiYY 3 x 1	Lapp 0028703	3 x 1	5.9	29.0	70
UNITRONIC LiYY 4 x 1	Lapp 0028704	4 x 1	6.4	38.4	79
UNITRONIC LiYY 5 x 1	Lapp 0028705	5 x 1	7.3	48.0	98
UNITRONIC LiYY 2 x 1,5	Lapp 0028802	2 x 1,5	6.2	29.0	74
UNITRONIC LiYY 3 x 1,5	Lapp 0028803	3 x 1,5	6.8	43.0	89
UNITRONIC LiYY 4 x 1,5	Lapp 0028804	4 x 1,5	7.4	58.0	105