



**Description:** UNITRONIC LiYY 10 x 0,5\_

**Lapp code:** Lapp 0028510

The **Test voltage** of the cable Lapp 0028510 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 0028510 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           |

| 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            |

| 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 10 x 0,5\_**

Lapp 0028510



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|--------------------------|--------------|---|---------------------|----------------------|----------------|
| 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            |