

## UNITRONIC® LiY(ST)Y-TP



**Info**

- UL Style 2464
- Twisted Pair (TP)
- RS 232 / RS 485
- UL approved
- New extended range!!



**Application range**

- Suitable for use in data transmission, audio and control measurement
- For use in dry and damp environment

**Product features**

- 100% screen coverage, offers optimum protection against external interferences
- UL approved
- Flame retardant in acc. to IEC 60332-1-2

**Approvals (Norm references)**



**Product Make-up**

- Multi-wire strands tinned annealed copper
- Semi-Rigid PVC core insulation
- Twisted pair
- Aluminium foil screen
- Tinned copper drain wire
- PVC outer sheath
- Colour: pebble grey, RAL 7032

**Technical data**

- Core identification code**  
acc. to DIN 47100 (Twisted Pairs)  
Pair 1: white / brown  
Pair 2: green / yellow  
Pair 3: grey / pink  
Pair 4: blue / red  
Pair 5: black / violet
- Peak working voltage**  
300 V (not for power applications)
- Minimum bending radius**  
10 x cable diameter
- Test voltage**  
1500 V
- Range of temperature**  
-30°C to +80°C

| Part number | Number of pairs and conductor cross-section in AWG | Approx. outer diameter mm | Approx. copper weight kg/km | Approx. cable weight kg/km |
|-------------|--|---------------------------|-----------------------------|----------------------------|
| 3802856     | 1 x 2 x 24 AWG                                     | 4.0                       | 6.4                         | 21.4                       |
| 3803952     | 2 x 2 x 24 AWG                                     | 6.0                       | 10.5                        | 44.7                       |
| 3803953     | 3 x 2 x 24 AWG                                     | 5.8                       | 14.7                        | 42.1                       |
| 3803954     | 4 x 2 x 24 AWG                                     | 6.4                       | 18.9                        | 51.0                       |
| 3803955     | 5 x 2 x 24 AWG                                     | 6.9                       | 23.1                        | 59.8                       |
| 3802855     | 1 x 2 x 22 AWG                                     | 4.6                       | 9.8                         | 31.5                       |
| 3803960     | 2 x 2 x 22 AWG                                     | 5.6                       | 16.3                        | 42.8                       |
| 3803961     | 3 x 2 x 22 AWG                                     | 6.4                       | 22.8                        | 54.3                       |
| 3803962     | 4 x 2 x 22 AWG                                     | 7.1                       | 29.4                        | 66.4                       |
| 3803963     | 5 x 2 x 22 AWG                                     | 7.7                       | 35.9                        | 79.0                       |
| 3802854     | 1 x 2 x 20 AWG                                     | 5.1                       | 15.3                        | 41.3                       |
| 3803990     | 2 x 2 x 20 AWG                                     | 6.3                       | 25.5                        | 58.7                       |
| 3803991     | 3 x 2 x 20 AWG                                     | 7.3                       | 35.7                        | 73.5                       |
| 3803992     | 4 x 2 x 20 AWG                                     | 8.1                       | 45.9                        | 90.4                       |
| 3803993     | 5 x 2 x 20 AWG                                     | 8.8                       | 56.1                        | 108.5                      |
| 3803970     | 1 x 2 x 18 AWG                                     | 5.6                       | 23.4                        | 48.7                       |
| 3803971     | 2 x 2 x 18 AWG                                     | 7.7                       | 39.0                        | 78.5                       |
| 3803972     | 3 x 2 x 18 AWG                                     | 8.4                       | 54.6                        | 99.2                       |
| 3803973     | 4 x 2 x 18 AWG                                     | 9.4                       | 70.2                        | 123.1                      |
| 3803974     | 5 x 2 x 18 AWG                                     | 10.2                      | 85.8                        | 147.7                      |
| 3803980     | 1 x 2 x 16 AWG                                     | 6.3                       | 38.0                        | 68.1                       |
| 3803981     | 2 x 2 x 16 AWG                                     | 8.2                       | 63.4                        | 111.0                      |
| 3803982     | 3 x 2 x 16 AWG                                     | 9.6                       | 88.7                        | 141.2                      |
| 3803983     | 4 x 2 x 16 AWG                                     | 10.8                      | 114.1                       | 176.6                      |
| 3803984     | 5 x 2 x 16 AWG                                     | 11.8                      | 139.4                       | 213.3                      |

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ACCESSORIES

APPENDIX