



UNITRONIC® PUR CP

Screened data transmission cable with PUR outer sheath for harsh conditions



Benefits

- Data transmission cable with PUR sheath for increased mechanical stress, wear- and tear-resistant
- Increased durability under harsh conditions thanks to robust PUR outer sheath
- Overall braid minimises electrical interference

Application range

- Further development of the UNITRONIC® range for harsher ambient conditions where robust and screened cables in small dimensions are required.

Product features

- Low-adhesive surface
- PUR outer sheath is resistant to most oils and hydraulic fluids
- Special notch and tear-resistance
- Good UV-resistance
- Flame-retardant according IEC 60332-1-2

Norm references / Approvals

- Based on VDE 0812

Product Make-up

- Fine-wire/multi-wire (0.34 mm²) strand made of bare copper wires
- Core insulation made of PVC
- Tinned-copper braiding
- Outer sheath made of PUR
Outer sheath colour: pebble grey (RAL 7032)

Technical data

| | |
|--|---|
| | Classification ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable |
| | Core identification code DIN 47100, refer to Appendix T9 |
| | Mutual capacitance C/C: approx. 120 nF/km C/S: approx. 160 nF/km |
| | Peak operating voltage (not for power applications) at 0.14 mm ² : 350 V at ≥ 0.25 mm ² : 500 V |
| | Inductivity approx. 0.65 mH/km |
| | Conductor stranding Stranded, fine-wire 0.34 mm ² : 7-wire |
| | Minimum bending radius Occasional flexing: 15 x outer diameter Fixed installation: 6 x outer diameter |
| | Test voltage 0.14 mm ² : 1200 V ≥ 0.25 mm ² : 1500 V |
| | Temperature range Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C |

| Article number | Number of cores and mm ² per conductor | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|--------------------------|---|---------------------|----------------------|----------------|
| UNITRONIC® PUR CP | | | | |
| 0032801 | 3 x 0.25 | 4.7 | 21 | 40 |
| 0032802 | 4 x 0.25 | 5 | 24 | 44 |
| 0032803 | 5 x 0.25 | 5.6 | 29 | 55 |
| 0032804 | 7 x 0.25 | 6 | 37 | 68 |
| 0032805 | 10 x 0.25 | 7.5 | 46 | 85 |
| 0032806 | 12 x 0.25 | 7.7 | 59 | 91 |
| 0032812 | 4 x 0.34 | 5.7 | 28 | 63 |
| 0032813 | 5 x 0.34 | 6.2 | 30 | 69 |
| 0032821 | 3 x 0.50 | 5.9 | 38 | 70 |
| 0032822 | 4 x 0.50 | 6.3 | 43 | 80 |
| 0032824 | 7 x 0.50 | 7.6 | 65 | 115 |
| 0032830 | 2 x 0.75 | 6 | 38 | 67 |
| 0032836 | 12 x 0.75 | 10.8 | 154 | 225 |

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

Photographs are not to scale and do not represent detailed images of the respective products.

Similar products

- UNITRONIC® PUR CP (TP) refer to page 290
- UNITRONIC® FD CP plus refer to page 308
- UNITRONIC® FD CP (TP) plus refer to page 309

Accessories

- SKINTOP® MS-SC-M refer to page 732
- SMART STRIP stripping tool