

UNITRONIC® PUR CP

Screened data transmission cable with PUR outer sheath for harsh conditions

UNITRONIC® PUR CP: Low-frequency data cable, VDE 0812 styled, PVC cores DIN 47100 coded, Screened, PUR jacket, Outdoor, Flame retardant, Oil/ Abrasion resistant



Mechanical resistance



Oil-resistant



Interference signals



UV-resistant

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 to IEC 60332-1-2

Last Update (25.04.2024)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

UNITRONIC® PUR CP

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: | ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable |
| Core identification code: | DIN 47100, refer to Appendix T9 |
| Mutual capacitance: | C/C: approx. 120 nF/km C/S: approx. 160 nF/km |
| 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 |
| Temperature range: | Occasional flexing: -5 °C to +70 °C Fixed installation: -40 °C to +80 °C |

Note

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

Prices are net prices without VAT and surcharges. Sale to business customers only.

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| 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 | 49 |
| 0032813 | 5 x 0.34 | 6.2 | 30 | 60 |
| 0032821 | 3 x 0.5 | 5.9 | 38 | 70 |
| 0032822 | 4 x 0.5 | 6.3 | 43 | 80 |
| 0032824 | 7 x 0.5 | 7.6 | 65 | 115 |
| 0032830 | 2 x 0.75 | 6 | 38 | 67 |
| 0032836 | 12 x 0.75 | 10.8 | 154 | 225 |