

## 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 IEC 60332-1-2

Last Update (24.04.2024)

©2024 Lapp Group - Technical changes reserved

Product Management [www.lappkabel.de](http://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 mm<sup>2</sup>) 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 <sup>2</sup> : 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](http://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.

**UNITRONIC® PUR CP**

Article number	Number of cores and mm <sup>2</sup> 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

Last Update (24.04.2024)

©2024 Lapp Group - Technical changes reserved

Product Management [www.lappkabel.de](http://www.lappkabel.de)You can find the current technical data in the corresponding data sheet.  
PN 0456 / 02\_03\_16