

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 (24.04.2024)

©2024 Lapp Group - Technical changes reserved

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.

UNITRONIC® PUR CP

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