

UNITRONIC® PUR CP (TP)

Screened data transmission cable with PUR outer sheath and twisted pairs for harsh conditions

UNITRONIC® PUR CP (TP): Low-frequency PUR data cable, PVC cores DIN 47100 Twisted pairs, Screened, PUR jacket, Outdoor, Flame retardant, Oil/ Abrasion resistant

Info

TP = twisted pair



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

Decoupling of circuits by means of twisted-pair (TP) design (crosstalk effects)

Application range

For harsh environmental conditions where robust and screened cables with small dimensions are necessary

Product features

Last Update (21.12.2023)

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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

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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 strand made of bare copper wires
Core insulation made of PVC
TP structure
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:	Fine copper wire strands
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 pairs and conductor cross section (mm ²)	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
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0032850	2 x 2 x 0.25	6.3	28	54
0032851	3 x 2 x 0.25	7.1	40	66
0032852	4 x 2 x 0.25	7.6	45	81
0032854	6 x 2 x 0.25	8.5	70	115
0032860	2 x 2 x 0.5	7.9	48	93
0032861	3 x 2 x 0.5	8.7	74	129
0032862	4 x 2 x 0.5	9.4	82	146
0032864	6 x 2 x 0.5	11.1	110	198