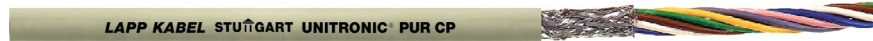




UNITRONIC® PUR CP

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

- 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 mm²: 350 V
at ≥ 0.25 mm²: 500 V
- Specific insulation resistance**
> 20 GOhm x cm
- Inductivity**
approx. 0.65 mH/km
- Conductor stranding**
Stranded, fine-wire
0.34 mm²: 7-wire
- Minimum bending radius**
Occasional flexing: 15 x outer diameter
Fixed installation: 6 x outer diameter
- Test voltage**
At 0.14 mm²: 1200 V
≥ 0.25 mm²: 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	21.0	40
0032802	4 x 0.25	5.0	24.0	44
0032803	5 x 0.25	5.6	29.0	55
0032804	7 x 0.25	6.0	37.0	68
0032805	10 x 0.25	7.5	46.0	85
0032806	12 x 0.25	7.7	59.0	91
0032810	2 x 0.34	4.9	21.0	40
0032812	4 x 0.34	5.7	28.0	63
0032813	5 x 0.34	6.2	30.0	69
0032814	7 x 0.34	6.8	48.0	86
0032821	3 x 0.50	5.9	38.0	70
0032822	4 x 0.50	6.3	43.0	80
0032823	5 x 0.50	7.0	51.0	94
0032824	7 x 0.50	7.6	65.0	115
0032825	10 x 0.50	9.3	88.0	140
0032830	2 x 0.75	6.0	38.0	67
0032831	3 x 0.75	6.3	49.0	79
0032834	7 x 0.75	8.2	100.0	160
0032836	12 x 0.75	10.8	154.0	225

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100kg. 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 259
- UNITRONIC® FD CP plus refer to page 273
- UNITRONIC® FD CP (TP) plus refer to page 274

Accessories

- SKINTOP® MS-SC-M refer to page 674
- SMART STRIP stripping tool refer to page 911