

Product Description



Application range

- Further development of the UNITRONIC® range for harsher ambient conditions where robust and screened cables in small dimensions are required.

Design

- Stranded bare conductor, PVC core insulation, core colours in accordance with DIN 47100, tin plated copper braid, PUR outer sheath, resistant to hydrolysis and microbes
- Colour: pebble grey (RAL 7032)

Product features

- Screened data transmission cables with PUR outer sheath
- Copper braiding screens cable against electrical interference
- PUR outer sheath resistant against a multitude of oils
- Special notch and tear resistance
- Flame retardant according to IEC 60332-1-2

Technical Data
Core identification code

DIN 47100 without colour repetition, see Appendix T9

Mutual capacitance

C/C approx. 120 nF/km C/S: approx. 160 nF/km

Peak working voltage

(not for power applications) 250 V

Inductivity

approx. 0.65 mH/km

Based on

VDE 0812

Specific insulation resistance

> 20 GOhm x cm

Conductor stranding

Strand, fine wire 0.34 mm², 7 wire

Conductor resistance

see Appendix T11

Minimum bending radius

For flexible applications: 15 x outer diameter fixed installation: 6 x cable diameter

Test voltage

At 0.14 mm²: 1200 V

> 0.14 mm²: 1500 V

Range of temperature

Static: -30°C up to +80°C

Flexing: -5°C up to +70°C

Article List

Part number	Number of cores and mm ² per conductor	Outer diameter in 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 0,5	5.9	38.0	70
0032822	4 x 0,5	6.3	43.0	80
0032823	5 x 0,5	7.0	51.0	94
0032824	7 x 0,5	7.6	65.0	115
0032825	10 x 0,5	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

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil \leq 30 kg and \leq 250 m, otherwise drum

Please specify the desired packaging size (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.