

## Product Description



## Application range

- Stationary application

## Design

- Stranded 7-wire bare copper conductor
- Colour coded in accordance with DIN 47100
- Copper braid
- PVC outer sheath
- Colour: violet (RAL 4001)

## Approvals (Norm references)

- Standardised internationally in ISO 11898
- UL/CSA type CMX (UL 444)

## Product features

- Maximum bit rate: 1 Mbit/s for 40 m segment length
- Larger conductor crosssection necessary with increasing length See Table below (reference values from ISO 11898).
- For the segment length, cable cross-section and bit rate, ISO 11898 makes recommendations
- Flame retardant according to IEC 60332-1-2



Technical Data

**Mutual capacitance**

(800 Hz): max. 40 nF/km

**Peak working voltage**

(not for power purposes) 250 V

**Conductor resistance**

(loop): max. 186 Ohm/km

**Minimum bending radius**

Fixed installation: 8 x outer diameter

**Test voltage**

Core/core: 1500 V

**Range of temperature**

Static: -30°C up to +80°C

Flexing: -5°C up to +70°C

**Characteristic impedance**

120 ohms

Article List

Part number	Article designation	Number of pairs / conductor cross-section in mm <sup>2</sup>	Outer diameter mm	Copper index kg/km	Weight kg/km
For fixed installation					
2170260	UNITRONIC® BUS CAN	1 x 2 x 0,22	5.7	16.7	42.0
2170261	UNITRONIC® BUS CAN	2 x 2 x 0,22	7.6	34.8	68.0
2170263	UNITRONIC® BUS CAN	1 x 2 x 0,34	6.8	25.0	55.0
2170264	UNITRONIC® BUS CAN	2 x 2 x 0,34	8.5	46.4	88.0
2170266	UNITRONIC® BUS CAN	1 x 2 x 0,5	7.5	41.6	90.0
2170267	UNITRONIC® BUS CAN	2 x 2 x 0,5	9.7	59.4	106.0
2170269	UNITRONIC® BUS CAN	1 x 2 x 0,75	8.7	52.7	108.0
2170270	UNITRONIC® BUS CAN	2 x 2 x 0,75	11.5	80.6	142.0

**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](http://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.