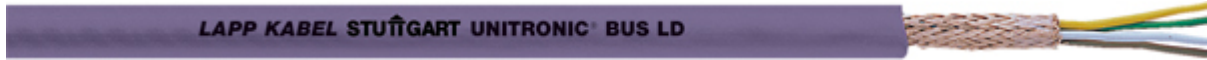


Product Description

UL variant has approval: UL/CSA type CMX acc. UL 444 and CSA C22.2 No.214-02



Application range

- For stationary installation of Bus Systems Maximal electromagnetic screening
- Bus cables for bus systems like e.g. Modbus, SUCOnet P, Modulink P, VariNet-P)
- Dry and damp indoors

Benefits

- UL variant has approval: UL/CSA type CMX acc. UL 444 and CSA C22.2 No.214-02

Design

- Stranded bare 7-wire conductor, colour coded according to DIN 47100
- Copper braid
- PVC outer sheath
- Colour: violet (RAL 4001)
- UNITRONIC® BUS LD A as UNITRONIC® BUS LD, but with UL/CSA-approval

Product features

- The stated bit rates allow the following cable lengths (maximum) of one bus segment:
- 9.6-93.75 kbit/s = 1200m
- 187.5kbit/s = max. 1.000m
- 500 kBit/s = max. 400 m
- Flame retardant according to IEC 60332-1-2



Technical Data

Mutual capacitance

(800 Hz): max. 60 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

Fixed installation: -40°C up to +80°C

Flexing: -5°C up to +70°C

Characteristic impedance

100 - 120 Ohm

Article List

Part number	Article designation	Number of pairs and mm ² per conductor	Outer diameter mm	Copper index kg/km	Weight kg/km
For fixed installation					
2170203	UNITRONIC® BUS LD	1 x 2 x 0,22	5.7	18.0	37
2170204	UNITRONIC® BUS LD	2 x 2 x 0,22	7.1	28.0	45
2170205	UNITRONIC® BUS LD	3 x 2 x 0,22	7.2	37.0	72
For fixed installation - UL/CSA CMX approval					
2170803	UNITRONIC® BUS LD A	1 x 2 x 0,22	5.7	18.0	39
2170804	UNITRONIC® BUS LD A	2 x 2 x 0,22	7.1	28.0	48
2170805	UNITRONIC® BUS LD A	3 x 2 x 0,22	7.2	37.0	76

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 ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

Modbus is assigned to Modbus-IDA organization. SUCOnet P is a registered trademark of Moeller-Group. Modulink P is a registered trademark of Weidmüller GmbH & Co. VariNet is a registered trademark of Pepperl+Fuchs GmbH

Photographs are not to scale and do not represent detailed images of the respective products.