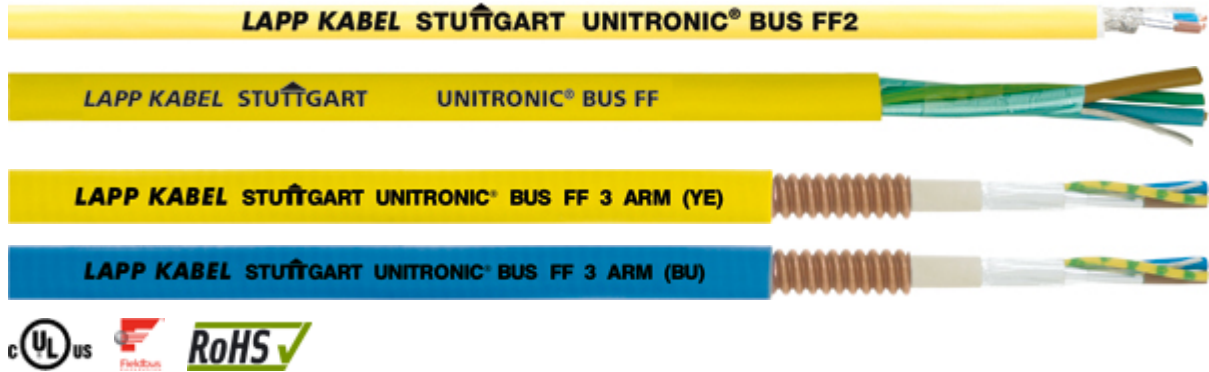


Product Description

Cables meet requirements of the ISA/SP50 and the FOUNDATION™ field bus for the cable Type A.



Application range

- FOUNDATION™ Fieldbus is used in intrinsically safe areas, especially in the field of Process Automation
- Stationary application

Benefits

- Cables meet requirements of the ISA/SP50 and the FOUNDATION™ field bus for the cable Type A.

Design

- Lapp bus cables for FOUNDATION™ field bus are available in 4 versions:
- 3-core, unarmoured, with device ground
- 3-core, armoured (copper tape, longitudinal welded and spiral corrugated) with device ground Yellow and Blue version
- 2 wire, not armoured, with device ground

Approvals (Norm references)

- With UL/CSA approval (CMG / PLTC)

Product features

- All cables are designed for 105° and resistant to sunlight



Technical Data

Approvals

UL/CSA-approval CMG

Peak working voltage

300 V

Conductor resistance

≤ 24 Ohm/km

Minimum bending radius

15 x outer diameter

Test voltage

1500 V

Range of temperature

-40 or -25°C to +105°C see data sheet

Characteristic impedance

100 +/- 20 Ohm at 31.25 kHz

Article List

Part number	Article designation	Number of pairs and cable diameter	Outer diameter in mm	Copper index kg/km	Weight kg/km
2170350	UNITRONIC® BUS FF 3	1x2x1.1 + 1x1.1 Ø	7.9	62.0	93
2170351	UNITRONIC® BUS FF 3 ARM (YE)	1x2x1.1 + 1x1.1 Ø	12.3	125.0	182
2170353	UNITRONIC® BUS FF 3 ARM (BU)	1x2x1.1 + 1x1.1 Ø	12.3	125.0	182
2170352	UNITRONIC® BUS FF 2	1 x 2 x 1,1	7.9	53.3	82

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

Foundation™ is a trademark of the Fieldbus Foundation

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