
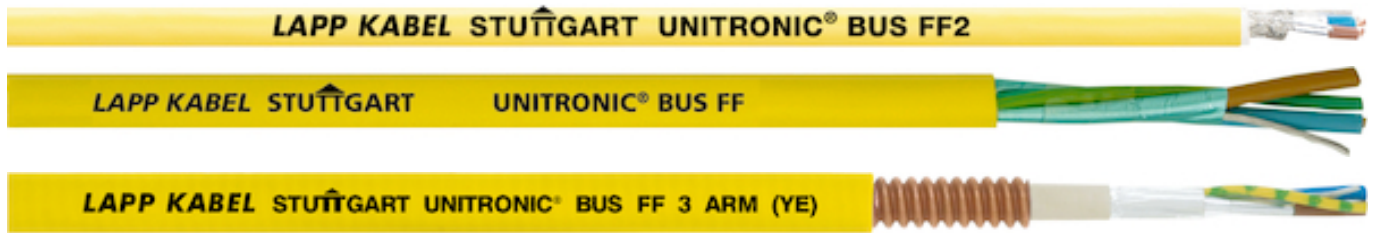


U.I. Lapp GmbH	PRODUCT INFORMATION	
	UNITRONIC® BUS FF	12.09.2012

Cables meet the requirements of 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
Fixed installation

Design

Lapp bus cables for FOUNDATION™ field bus are available in 4 versions:

3-core, unarmoured, with device ground

3-core, armoured (longitudinally welded, spiral corrugated copper sheath) with device ground Yellow and blue version

2-core, not armoured, with device ground

Approvals (Norm references)

With UL/CSA approval (CMG/PLTC)

Product features

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

Remark

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 Appendix T17 for the definition and calculation of copper-related surcharges.

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.


Technical Data

Approvals (Norm references):	UL/CSA approval CMG
Peak operating voltage:	300 V
Conductor resistance:	≤ 24 Ohm/km
Minimum bending radius:	15 x outer diameter
Test voltage:	1500 V
Temperature range:	-40 °C or -25 °C to +105 °C, see data sheet
Characteristic impedance:	100 ± 20 Ohm at 31.25 kHz

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Part number	Article designation	Number of pairs and cable diameter	Outer diameter (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

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