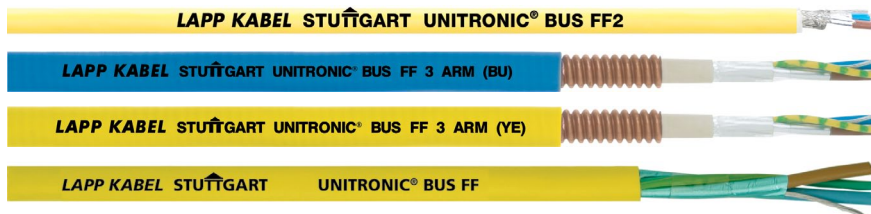




UNITRONIC® BUS FF



Benefits

- 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

Product features

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

Norm references / Approvals

- With UL/CSA approval (CMG/PLTC)

Product make-up

- 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

Technical data

	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

Article 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

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 catalogue appendix T17 for the definition and calculation of copper-related surcharges.
 Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
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 APPENDIX