

UNITRONIC® BUS FF



Benefits

- 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

Product features

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

Approvals (Norm references)

- With UL/CSA approval (CMG / PLTC)

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

Technical data

- Approvals**
 UL/CSA-approval CMG
- Peak working voltage**
 300 V
- Conductor resistance**
 ≤ 24 Ohm/km
- Minimum bending radius**
 15 x cable 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

Part number	Article designation	Number of pairs and cable diameter	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
2170350	UNITRONIC® BUS FF 3	1x2x1.1 + 1x1.1 Ø	7.9	61.6	93.0
2170351	UNITRONIC® BUS FF 3 ARM (YE)	1x2x1.1 + 1x1.1 Ø	12.3	106.5	182.0
2170353	UNITRONIC® BUS FF 3 ARM (BU)	1x2x1.1 + 1x1.1 Ø	12.3	106.5	182.0
2170352	UNITRONIC® BUS FF 2	1 x 2 x 1.1	7.9	53.3	82.0

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
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CLICK HERE FOR MORE DETAILS