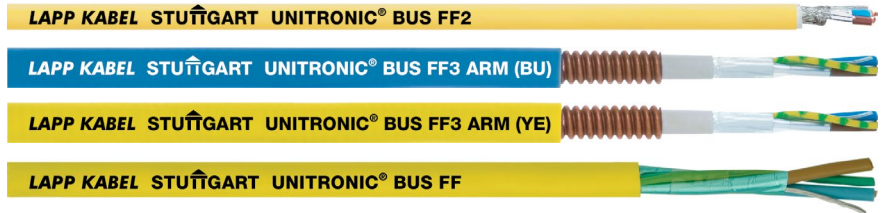




UNITRONIC® BUS FF



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 certification (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

| | |
|--|---|
| | ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable |
| | Peak operating voltage 300 V |
| | Conductor resistance ≤ 24 Ohm/km |
| | Minimum bending radius 15 x outer diameter |
| | Test voltage 1500 V |
| | Characteristic impedance 100 ± 20 Ohm at 31.25 kHz |
| | Temperature range -40 °C or -25 °C to +105 °C, see data sheet |

| Article number | Article designation | Number of pairs and cable diameter | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|--------------------------|------------------------------|------------------------------------|---------------------|----------------------|----------------|
| UNITRONIC® BUS FF | | | | | |
| 2170350 | UNITRONIC® BUS FF 3 | 1x2x1.1 + 1x1.1 Ø | 7.9 | 62 | 93 |
| 2170351 | UNITRONIC® BUS FF 3 ARM (YE) | 1x2x1.1 + 1x1.1 Ø | 12.3 | 125 | 182 |
| 2170353 | UNITRONIC® BUS FF 3 ARM (BU) | 1x2x1.1 + 1x1.1 Ø | 12.3 | 125 | 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 150/100 kg. 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
Foundation™ is a trademark of the Fieldbus Foundation
Photographs are not to scale and do not represent detailed images of the respective products.