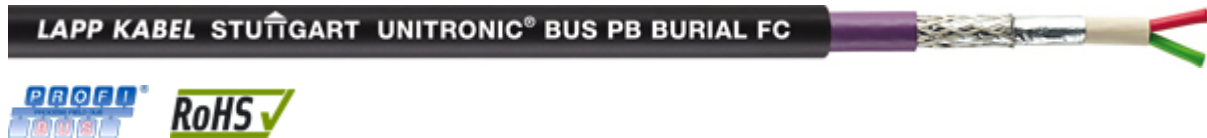


Outdoor use / direct burial + UV-resistant

Product Description

Fast Connect (FC) cable design; Rugged, UV-resistant and weatherproof; Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP



Application range

- PROFIBUS® (in accordance with DIN 19245 and EN 50170, e.g. for SIEMENS SIMATIC® NET, also suitable for FIP - Factory Instrumentation Protocol).

Benefits

- Fast Connect (FC) cable design
- Rugged, UV-resistant and weatherproof
- Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP

Design

- Copper conductor, solid, bare
- Foam Skin - core isolation (O2YS)
- Aluminated foil
- Braided shielding made of tin-plated copper wires
- sheath, PVC violet, OD 8mm sheath, PE black, OD 10,8mm

Product features

- PE as second outer sheath



Technical Data

Mutual capacitance

(800 Hz): max. 30 nF/km

Peak working voltage

(not for power purposes) 100 V

Minimum bending radius

Fixed installation: single 3,5 x cable diameter

Fixed installation: 7.5 x cable diameter

Test voltage

3600 V DC (3 sec.)

Range of temperature

-40 °C to +60 °C

Characteristic impedance

150 +/- 15 Ohm

Article List

Part number	Article designation	Number of pairs and conductor diameter in mm	Outer diameter in mm	Copper index kg/km	Weight kg/km
2170323	UNITRONIC® BUS PB BURIAL FC	1 x 2 x 0,64	10.8	26.0	115

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

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

SIMATIC® is a registered trademark of SIEMENS AG. FIP is a registered trademark of World FIP

Lapp Kabel is a member of the PROFIBUS user organisation (PNO)

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