

Outdoor use / direct burial + UV-resistant

Product Description

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

- Rugged, UV- resistant and weatherproof
- Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP

Design

- Copper conductor, solid, bare
- PE core insulation
- Aluminated foil
- Braided shielding made of tin-plated copper wires
- sheath, PVC violet, OD 7,5mm sheath, PVC black, OD 9,5mm

Product features

- Doubled PVC outer sheath



Technical Data

Mutual capacitance

(800 Hz): max. 30 nF/km

Peak working voltage

(not for power purposes) 250 V

Minimum bending radius

fixed installation: single 75 mm

Fixed installation: 150 mm

Test voltage

Core/core: 1500 V

Core/screen: 1500 V

Range of temperature

Flexible application: -5°C up to +50°C

Fixed installation: -40°C up to +80°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
2170236	UNITRONIC® BUS PB YY	1 x 2 x 0,64	9.5	30.1	87

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)

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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.