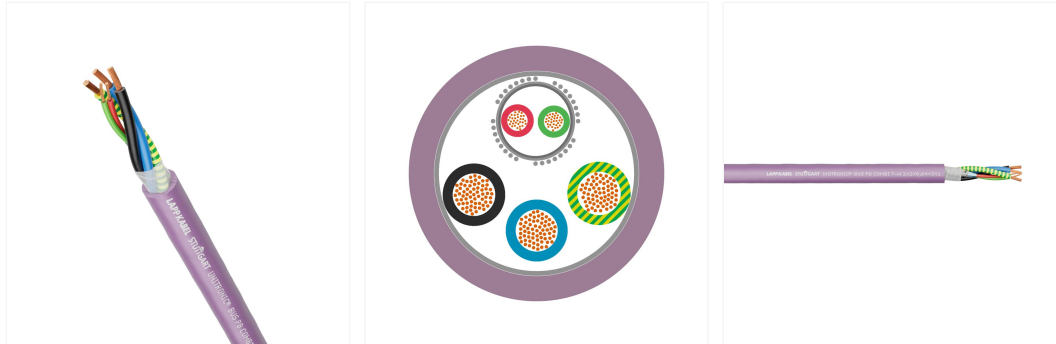


UNITRONIC® BUS PB COMBI 7-W 1X2X0,64+3X1

Article No.: 2170225

Bus cable; PROFIBUS DP; Flexible; Nominal characteristic impedance: 150; 1X2X0,64+3X1; PVC; Flame-retardant: IEC 60332-1-2; violet; 0.386 in



Details

Notes

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

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

SIMATIC NET® is a registered trademark of Siemens AG.

Remarks

Technical Data

General information

Brand	UNITRONIC®
Product type	Bus cable

Copper index	396.4 lb/10000 ft
valid Fieldbus or Ethernet System	PROFIBUS DP

Electrical parameters

Maximum operating voltage (not for power transmission)	250 V
Test voltage conductor/conductor	1.5 kV
Nominal characteristic impedance	150 Ω

Product design

Conductor count/size	1X2X0,64+3X1
Nominal diameter conductor (mm)	0.025 in
Conductor material	Bare Copper
Including protective ground	No
Number of cores	5
Number of pairs	1
Type of pair shielding	Aluminum-laminated plastic foil Tin-plated copper braiding
Cable element 2	Power conductor: 3x1.0
Stranding type	Twisted-pair
Wrapping above stranding	Fleece Wrapping
Shielded	Yes
Type of overall shielding	Tin-plated copper braiding
With rodent protection	No
Nominal outer diameter	0.386 in
Cable form	Round
Core insulation base material	Polyethylene foam
Conductor insulation basic material, short form	PE
Basic material of outer jacket	Polyvinylchloride
Base material of outer sheath, shortname	PVC
Outer jacket color	violet

Colour outer sheath RAL code	RAL 4001
Core identification	Colors

Product features

Application area	Flexible
Minimum bending radius, stationary	6 x outer diameter
Minimum bending radius in inch, fixed installation	2.315 in
Minimum bending radius, occasionally moved	9 x outer diameter
Minimum bending radius in mm, occasionally moved	3.472 in
Temperature, fixed installation	-40 °C to 80 °C max. conductor temperature
Temperature, occasionally moved	-5 °C to 50 °C max. conductor temperature
Flame-retardant	Yes
Flame retardance according to	IEC 60332-1-2
UV-resistant	No
UV-C resistant	Yes
Halogenfree	No
Oil resistant	No
PWIS-free	Yes
PWIS-free according to	VDMA 24364-B2-L
Fast Connect (FC) cable	No

Certifications and standards

CE marking	Yes
EAC certified	Yes
EAC certification number	EAЭC N RU Д-DE.АЮ64.В.00130/20
UL recognized	No
UL listed	No
cUR recognized	No
cUL listed	No
CSA certified	No

VDE certified	No
TÜV certified	No

UNITRONIC® BUS PB

Article No.	Name	Conductor count/size	Fast Connect (FC) cable	Basic material of outer jacket	Halogenfree	UV-resistant	UL listed	cUL listed	Copper index
2170219	UNITRONIC® BUS PB A 1X2X0,64	1x2x0,64	No	Polyvinylchloride	No	No	Yes	Yes	202.24 lb/10000 ft
2170220	UNITRONIC® BUS PB 1X2X0,64	1x2x0,64	No	Polyvinylchloride	No	No	No	No	202.24 lb/10000 ft
2170225	UNITRONIC® BUS PB COMBI 7-W 1X2X0,64+3X1	1X2X0,64+3X1	No	Polyvinylchloride	No	No	No	No	396.4 lb/10000 ft
2170226	UNITRONIC® BUS PB H 7-W 1X2X0,64	1x2x0,64	No	Polyvinylchloride	Yes	No	No	No	202.2 lb/10000 ft
2170233	UNITRONIC® BUS PB PE 1X2X0,64	1x2x0,64	No	Polyethylene	No	No	No	No	202.2 lb/10000 ft
2170326	UNITRONIC® BUS PB H FC 1X2X0,64	1x2x0,64	Yes	Halogen-free compound	Yes	Yes	Yes	Yes	174.7 lb/10000 ft
2170330	UNITRONIC® BUS PB P FC 1X2X0,64	1x2x0,64	Yes	Polyurethane	No	No	Yes	Yes	174.7 lb/10000 ft
2170333	UNITRONIC® BUS PB PE FC 1X2X0,64	1x2x0,64	Yes	Polyethylene	No	Yes	No	No	174.7 lb/10000 ft
2170820	UNITRONIC® BUS PB FC 1X2X0,64	1x2x0,64	Yes	Polyvinylchloride	No	Yes	Yes	Yes	174.7 lb/10000 ft
2170824	UNITRONIC® BUS PB 7-W A 1X2X0,64	1x2x0,64	No	Polyvinylchloride	No	No	Yes	Yes	202.24 lb/10000 ft
2170826	UNITRONIC® BUS PB 7-W FC 1X2X0,64	1x2x0,64	Yes	Halogen-free compound	No	Yes	Yes	Yes	174.7 lb/10000 ft

V1.1