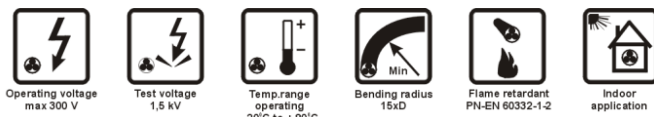


LON BUS 1x2x16 AWG
(equivalent: BELDEN 8471)

page 1 of 1

LONWORKS CABLE**APPLICATIONS**

LON BUS 1x2x16 AWG cable is intended for wiring LONWORKS bus in automation systems.

The cable is suitable for indoor installations connecting fixed and movable equipment.

Cable outer sheath is oil-resistant.

CONSTRUCTION

- 16 AWG flexible multiwire conductors, stranded of annealed tin-plated copper wires (19x0.29 mm),
- special PVC insulation - identification colour code: white, black,
- insulated conductors twisted into pairs,
- PVC cable sheath, grey RAL 7037, other colours also available.

CHARACTERISTICS

Operating voltage	300 V	Operating temperature range	from - 20 to + 80 °C
Mutual capacitance at 1 kHz, max.	80 nF/km	Minimum bending radius	15 x cable diameter
Insulation resistance, minimum	100 MΩ·km	Cable combustibility	flame retardant
Inductance, approximate	0.6 mH/km	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
Voltage test	1500 V rms	Reference standards	IEC 61158, PN-EN 50170, DT
DC loop resistance at 20°C, maximum	29.6 Ω/km		

CE = the cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of pairs (x 2) x conductor size	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	AWG	mm	kg/km	kg/km
0901 001	1 x 2 x 16	6.9	25.8	60

TECHNOKABEL S.A. reserves the right to change specifications without prior notice.