

LON BUS-H 1x2x16 AWG
(equivalent: BELDEN 8471NH)

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LONWORKS CABLE**APPLICATIONS**

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

The cables are 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),
- insulation made of halogen free compound (HFFR), identification colour code: white, black,
- insulated conductors twisted into pair,
- cable sheath made of halogen free compound (HFFR), grey RAL 7037, other colours also available.

CHARACTERISTICS

Operating voltage	300 V	Corrosivity of emitted gases per	PN-EN 60754-1, PN-EN 60754-2
Mutual capacitance at 1 kHz, maximum	80 nF/km	pH, appr.	IEC 60754-2
Insulation resistance, minimum	100 MΩ·km	conductivity, appr.	6.8
Inductance, approximate	0.6 mH/km	Smoke density	0.4 μS/mm
Voltage test	1500 V rms	minimum light transmittance	PN-EN 61034-2, IEC 61034-2
DC loop resistance at 20°C, maximum	29.6 Ω/km	Operating temperature range	70 %
		Minimum bending radius	from -20 to +80 °C
		Cable combustibility	15 x cable diameter
		Combustibility tests	flame retardant
		Reference standards	PN-EN 60332-1-2, IEC 60332-1-2
			IEC 61158, PN-EN 50170

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 002	1 x 2 x 16	6.9	25.8	62

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