


U.I. Lapp GmbH	PRODUCT INFORMATION	
	UNITRONIC® LAN 1000 S/FTP Cat.7	07.11.2014

LAN cables for structured building cabling according to EN 50173 and ISO/IEC 11801



Halogen-free



Interference signals

Application range

Mainly used where the terminal density is very high, e.g. for wiring office, administration and development buildings in the tertiary area (floor wiring).

Cable length in tertiary area (horizontal area, floor) should not exceed a length of 100 m in accordance with the ISO/IEC 11801 and EN 50173 standards (90 m in cable duct + 10 m in working area)

Product Make-up

S/FTP: copper braid as overall screening and pair screening with aluminium compound foil

Solid conductor

Outer sheath: halogen-free, flame-retardant compound

Colour: yellow (RAL 7032)

Norm references / Approvals

Class F in the ISO/IEC 11801 standard corresponds to CAT.7

Product features

Transfer of digital and analogue data signals

IEEE 802.3: 10/100/1000Base-T, 10GBase-T


IEEE 802.5: ISDN; FDDI; ATM; cable sharing

IEEE 802.3at: suitable for PoE

Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges. Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths Packaging size: Coil 100 m; Drum (500; 1000) m Detailed data sheets are available upon request. Please specify the type/dimensions of the required cable. Photographs are not to scale and do not represent detailed images of the respective products.

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Technical Data

Minimum bending radius:

during installation: 8 x outer diameter

Fixed installation: 4 x outer diameter

Temperature range:

Operating temperature: -20 °C to +60 °C

During installation: 0 °C to +50 °C

Characteristic impedance:

100 Ohm +- 15%

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Part number	Article designation	Number of pairs and AWG per conductor	Max. outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
Halogen-free versions					
2170614	1000 S/FTP Cat.7 LSZH	4 x 2 x AWG23/1	7,7	27.0	60
2170634	1000 S/FTP Cat.7 duplex	2 x (4 x 2 x AWG23/1)	7,7 x 15,4	54.0	120