


U.I. Lapp GmbH	PRODUCT INFORMATION	
	UNITRONIC® LAN 1500 S/FTP Cat.7A	07.11.2014

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



Halogen-free



Interference signals

Info

Complies with the EN 50173 and ISO/IEC 11801 standards

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).

Product Make-up

Solid bare copper wire AWG22

Cellular polyolefin core insulation, max. core diameter 1.6 mm

Pair screen made of aluminium-lined plastic foil, overall screening made of tinned-copper braiding

Outer sheath: halogen-free, flame-retardant compound

Colour: yellow (RAL 7032)

Norm references / Approvals

LAN Cat.7A cables from Lapp Kabel for "Structured Cabling Systems" meet the requirements in accordance with EIA/TIA-568 and TSB36 as well as ISO/IEC 11801 or EN 50173 (Class FA - permanent link).

Exceeds the requirements of EN 50173 and ISO/IEC 11801 standards

Product features

Transfer of digital and analogue data signals

Cable is specified for up to 1.5 GHz

The characteristic impedance of this cable is 100 Ohm \pm 15 %

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

IEEE 802.5: ISDN; FDDI; ATM; cable sharing

IEEE 802.3at: suitable for PoE, VoIP

Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. 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.

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 \pm 15%

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Part number	Article designation	Number of pairs and AWG per conductor	Max. outer diameter (mm)	Copper index (kg/km)
2170199	1500 S/FTP Cat.7A LSZH	4 x 2 x AWG22/1	8,5	42.0