

UNITRONIC® LAN 1200 Cat.7A

Ethernet cable for Category 7_A/ class F_A - verified up to 1200 MHz

The LAN cable has an external, halogen-free outer sheath and quality shielding underneath. It is suitable for use in structured building wiring networks.

Info

CPR: Article number choice under www.lappkabel.com/cpr

Complies with the EN 50173 and ISO/IEC 11801 standards



Interference signals



Halogen-free

Benefits

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

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 features

Transfer of digital and analogue data signals

Flame-retardant according to IEC 60332-1-2 and bundle flame test according to IEC 60332-3-24

IEEE 802.3: 10/100/1000Base-T, 10GBase-T IEEE 802.5: ISDN; FDDI; ATM; cable sharing IEEE 802.3at: suitable for PoE, VoIP

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

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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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 1021)

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000830 ETIM 6.0 Class-Description: Data cable
Minimum bending radius:	during installation: 8 x outer diameter Fixed installation: 4 x outer diameter
Characteristic impedance:	100 $\Omega \pm 15\%$
Temperature range:	Operating temperature: -20 °C to +60 °C During installation: 0 °C to +50 °C

Note

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: Drum

Detailed data sheets are available upon request. Please specify the type/dimensions of the required cable.

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

Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
LSZH					
2170615	1200 S/FTP Cat.7 _A LSZH	4 x 2 x AWG22/1	8.1	34	66
2170618	1200 S/FTP Cat.7 _A LSZH duplex	2x (4x2xAWG22)	16.4	68	-

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