

UNITRONIC® LAN 1500 Cat.7A

Data cable for Category 7_A/ class F_A - verified up to 1500 MHz

The LAN cable for structured building wiring networks is suitable for use in places with a high density of terminal devices, for example in administrative buildings.

Info

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



Interference signals



Halogen-free

Benefits

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

Application range

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)

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 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

Last Update (15.02.2018)

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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 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

Temperature range:

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

During installation: 0 °C to +50 °C

Note

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 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)
LSZH				
2170199	1500 S/FTP Cat.7A LSZH	4 x 2 x AWG22/1	8.5	42

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