

## ETHERLINE® LAN 1000 Cat. 7A

Ethernet cable for Category 7<sub>A</sub>/ class F<sub>A</sub> - verified up to 1000 MHz

Data cable for Category 7A/ class FA - verified up to 1000 MHz

### Info

CPR: Article number choice under [www.lappkabel.com/cpr](http://www.lappkabel.com/cpr)



Flame-retardant



Halogen-free



Interference signals

### Benefits

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

### Application range

Areas where the end device density is very high

For office wiring, administration and development buildings in the tertiary sector (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

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

Flame-retardant according IEC 60332-1-2

No flame-propagation according to IEC 60332-3-25 (Flame spread on vertical cable or wire bundle)

### 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).

Last Update (17.02.2020)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

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

PN 0456 / 02\_03.16

## ETHERLINE® LAN 1000 Cat. 7A

### Product Make-up

Solid conductor 4x2xAWG23/1,  
duplex 2x(4x2xAWG23/1)

Core insulation: PE

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

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:	During installation: 0 °C to +50 °C Fixed installation: -20 °C to +60 °C

### Note

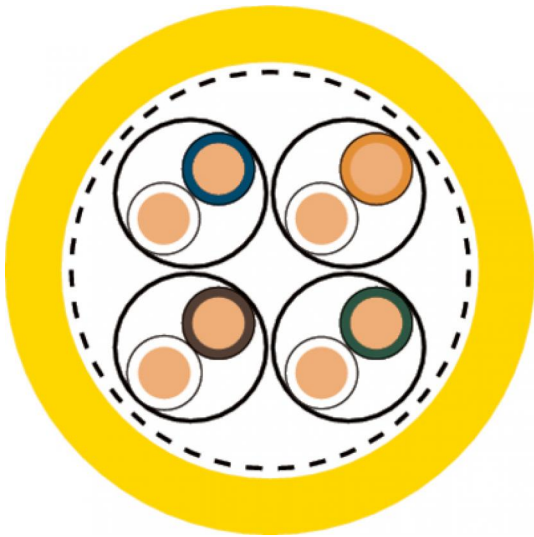
Packaging size: Drum

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.

Article number	Article designation	Number of pairs and AWG per conductor	Core diameter in mm	Outer diameter mm	Colour	J_1NVC
ETHERLINE® LAN 1000 S/FTP Cat.7A						
2170971	ETHERLINE® LAN 1000 Cat.7A 4x2xAWG23 LSZH	4 x 2 x AWG23/1	1.3	7.5	yellow	24
2170972	ETHERLINE® LAN 1000 Cat.7A 2x(4x2xAWG23) LSZH duplex	2x (4x2xAWG23/1)	1.3	15.2	yellow	48

## ETHERLINE® LAN 1000 Cat. 7A



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