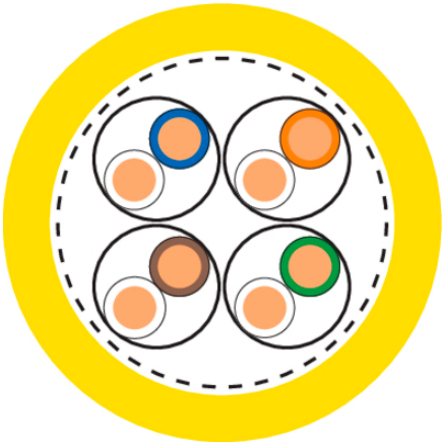
ETHERLINE® LAN 1600 Cat.7A

Data cable for Category 7_A/ class F_A - verified up to 1600 MHz

Data cable for Category 7A/ class FA - verified up to 1600 MHz

Info
CPR: Article number choice under www.lappkabel.com/cpr
Verified up to 1600 MHz at max. 30m cable length (data centers)





Flame-retardant

Halogen-free

Interference signals

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).
1500 MHz: 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)
1600 MHz: at max. 30m length (typical in data centers)

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

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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 conductor 4x2xAWG22/1
Core insulation: cellular polyolefin
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:	Fixed installation: 4 x outer diameter during installation: 8 x outer diameter
Characteristic impedance:	100 Ω ± 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.

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ETHERLINE® LAN 1600 Cat.7A

Article number	Article designation	Number of pairs and AWG per conductor	Core diameter in mm	Outer diameter mm	Colour	Copper index (kg/km)	Weight (kg/km)
2170976	ETHERLINE® LAN Cat.7A 1600 S/FTP 4x2xAWG22LSZH	4 x 2 x AWG22/1	1.56	8.2	yellow	34	71

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