UNITRONIC® LAN 200 Cat.5e

Ethernet cable for Category 5e/ class D - verfied up to 200 MHz

The LAN cable is used particular in places with a high density of terminal devices, for example in building wiring networks. The cable transmits the digital and analogue signals.

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





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).
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
IEEE 802.5: ISDN; FDDI; ATM
Flame retardant acc. to IEC 60332-1-2
2170138: flame retardant acc. to IEC 60332-1-2 and IEC 60332-3-24

Norm references / Approvals
LAN CAT.5e cables from Lapp Kabel for "Structured Cabling Systems" meet the requirements in accordance with EIA/TIA-568 and

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TSB36, as well as ISO/IEC 11801 or EN 50173 (Class D).

Product Make-up

Solid conductor
U/UTP: no overall or pair screening
F/UTP: foil screening as overall screening
SF/UTP: braid of tinned copper wire and plastic laminated aluminum foil as overall screening
outer sheath either as PVC or LSZH (color grey RAL 7035)

Technical Data

Classification ETIM 5:	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 Ω ± 15%
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.
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: 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	Core diameter in mm	Outer diameter mm	Copper index (kg/km)	Weight (kg/km)
2170126	UNITRONIC® LAN Cat. 5e F/UTP 4x2xAWG24	4 x 2 x AWG24/1	1.04	6.4	18	39

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