

UNITRONIC® LAN 200 - Cat.5e

Data cable for Category 5e/ class D - verified 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.



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

IEEE 802.3: 10/100/1000Base-T

IEEE 802.5: ISDN; FDDI; ATM

Norm references / Approvals

LAN CAT.5e 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 D).

UNITRONIC® LAN 200 - Cat.5e

Product Make-up

Solid conductor

U/UTP: no overall or pair shielding

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 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Minimum bending radius:	during installation: 8 x outer diameter Fixed installation: 4 x outer diameter
Characteristic impedance:	100 Ohm +- 3%
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 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.

**UNITRONIC® LAN 200 - Cat.5e**

Article number	Article designation	Number of pairs and AWG per conductor	Max. outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
PVC version					
2170125	200 U/UTP Cat.5e	4 x 2 x AWG24/1	5.6	17	33
2170126	200 F/UTP Cat.5e	4 x 2 x AWG24/1	6.4	18	39
2170128	200 SF/UTP Cat.5e	4 x 2 x AWG24/1	6.7	32	49
Halogen-free versions					
2170173	200 U/UTP Cat.5e LSZH	4 x 2 x AWG24/1	5.6	17	33
2170138	200 SF/UTP Cat.5e LSZH	4 x 2 x AWG24/1	6.7	32	49

Last Update (04.02.2017)

©2017 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

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

PN 0456 / 02_03.16