



New

## UNITRONIC® LAN 200 - Cat.5e



### 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).

### Product make-up

- U/UTP: no overall or pair shielding
- F/UTP: foil screening as overall screening
- SF/UTP: copper braid and foil screening as overall screening
- Solid conductor
- Outer sheath either as PVC or LSZH (color grey RAL 7035)

### Technical data

- 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
- Characteristic impedance**  
100 Ohm +/- 15%

Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
<b>PVC version</b>					
2170125	200 U/UTP Cat.5e	4 x 2 x AWG24/1	5.6	17.0	33
2170126	200 F/UTP Cat.5e	4 x 2 x AWG24/1	6.4	18.0	39
2170128	200 SF/UTP Cat.5e	4 x 2 x AWG24/1	6.7	32.0	49
<b>Halogen-free versions</b>					
2170173	200 U/UTP Cat.5e LSZH	4 x 2 x AWG24/1	5.6	17.0	33
2170138	200 SF/UTP Cat.5e LSZH	4 x 2 x AWG24/1	6.7	32.0	49

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.  
Copper price basis: EUR 150/100kg. 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](http://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.

### Accessories

- Connector RJ45 CAT.5 Hirose TM11 refer to page 436
- Connector RJ45 CAT.5 Stewart SS37 refer to page 436
- Field-Terminable Connector RJ45 CAT.5e FM45 refer to page 436
- DATA STRIP stripping tool refer to page 911