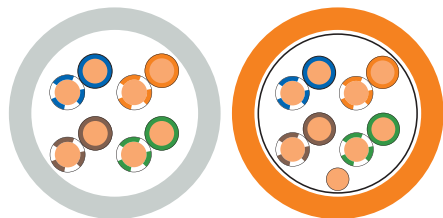




## ETHERLINE® LAN 200 Cat.5e

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



**Info**

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

### 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
- Flame retardant acc. to IEC 60332-1-2

### 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

- Solid conductor 4x2xAWG24/1
- 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 (grey RAL 7035) or LSZH (orange RAL 2003)

### Technical data

- Classification ETIM 5/6**  
 ETIM 5.0/6.0 Class-ID: EC000830  
 ETIM 5.0/6.0 Class-Description: Data cable
- Minimum bending radius**  
 during installation: 8 x outer diameter  
 Fixed installation: 4 x outer diameter
- Characteristic impedance**  
 100 Ω ± 15% / 100 MHz
- Temperature range**  
 Fixed installation: -20 °C to +60 °C  
 During installation: 0 °C to +50 °C

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)
<b>PVC</b>							
2170126	200 F/UTP Cat.5e	4 x 2 x AWG24/1	1.0	6,2	grey	18	39
2170950	200 U/UTP Cat.5e	4 x 2 x AWG24/1	0.9	5.1	grey	17	32
2170951	200 SF/UTP Cat.5e	4 x 2 x AWG24/1	1.05	6.3	grey	28	46
<b>LSZH</b>							
2170952	200 F/UTP Cat.5e LSZH	4 x 2 x AWG24/1	1.05	6.3	orange	18	40
2170953	200 SF/UTP Cat.5e LSZH	4 x 2 x AWG24/1	1.05	6.4	orange	28	46

Copper price basis: EUR 100/100 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](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Drum

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

### Accessories

- Field-Terminable Connector RJ45 CAT.5e FM45 refer to page 472
- Crimping tool RJ45 Hirose refer to page 473