

## ETHERLINE® LAN 200 Cat.5e

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

Data 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)



Flame-retardant



Halogen-free



Interference signals

### 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

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

Last Update (16.02.2020)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

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

PN 0456 / 02\_03.16

## ETHERLINE® LAN 200 Cat.5e

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:    | ETIM 5.0 Class-ID: EC000830<br>ETIM 5.0 Class-Description: Data cable             |
| Classification ETIM 6:    | ETIM 6.0 Class-ID: EC000830<br>ETIM 6.0 Class-Description: Data cable             |
| Minimum bending radius:   | during installation: 8 x outer diameter<br>Fixed installation: 4 x outer diameter |
| Characteristic impedance: | 100 $\Omega$ $\pm$ 15%  |
| Temperature range:        | During installation: 0 °C to +50 °C<br>Fixed installation: -20 °C to +60 °C       |

### Note

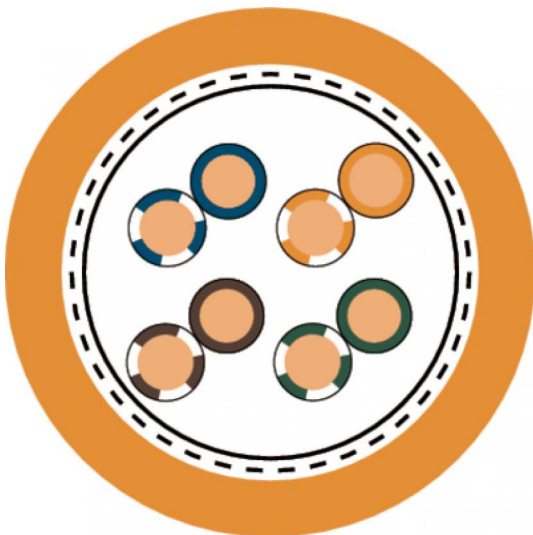
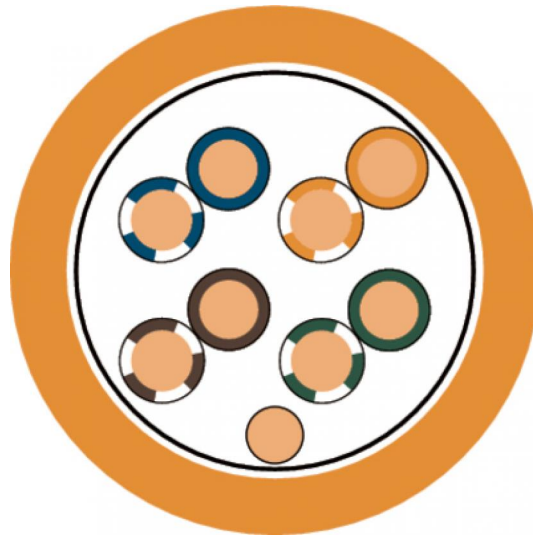
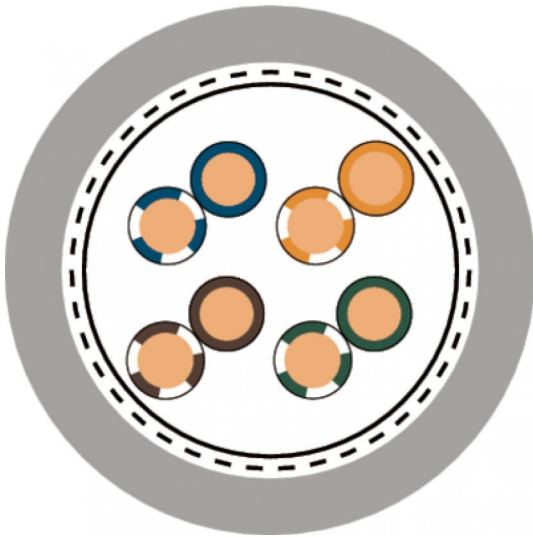
Packaging size: Drum

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.

| Article number | Article designation                              | Number of pairs and AWG per conductor | Core diameter in mm | Outer diameter mm | Colour | Copper |
|----------------|--|---------------------------------------|---------------------|-------------------|--------|--------|
| 2170951        | ETHERLINE LAN<br>Cat.5e SF/UTP<br>4x2xAWG24      | 4 x 2 x AWG24/1                       | 1.05                | 6.3               | grey   | 28     |
| LSZH           |  |                                       |                     |                   |        |        |
| 2170952        | ETHERLINE LAN<br>Cat.5e F/UTP<br>4x2xAWG24 LSZH  | 4 x 2 x AWG24/1                       | 1.05                | 6.3               | orange | 18     |
| 2170953        | ETHERLINE LAN<br>Cat.5e SF/UTP<br>4x2xAWG24 LSZH | 4 x 2 x AWG24/1                       | 1.05                | 6.4               | orange | 28     |
| PVC            |  |                                       |                     |                   |        |        |
| 2170950        | ETHERLINE® LAN<br>Cat.5e U/UTP<br>4x2xAWG24      | 4 x 2 x AWG24/1                       | 0.9                 | 5.1               | grey   | 17     |

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