



LAN cables for structured building cabling according to EN 50173 and ISO/IEC 11801



Product description

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)

Benefits

- LAN cables for structured building cabling according to EN 50173 and ISO/IEC 11801

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)

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 features

- Transfer of digital and analogue data signals
- IEEE 802.3: 10/100/1000Base-T
- IEEE 802.5: ISDN; FDDI; ATM

Technical Data

Minimum bending radius

during installation: 8 x outer diameter

Temperature range

Fixed installation: 4 x outer diameter

Operating temperature: -20°C to +60°C

Characteristic impedance

During installation: 0 °C to +50 °C

100 Ohm +- 15%