



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

- S/FTP: copper braid as overall screening and pair screening with aluminium compound foil
- Solid conductor
- Outer sheath: halogen-free, flame-retardant compound
- Colour: yellow (RAL 7032)

Norm references / Approvals

- Class F in the ISO/IEC 11801 standard corresponds to CAT.7

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
- IEEE 802.3at: suitable for PoE

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%