

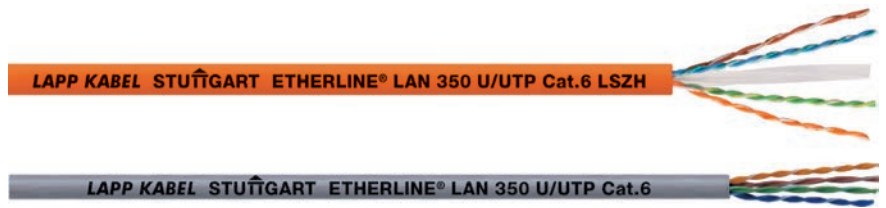


ETHERLINE® LAN 350 Cat.6

Ethernet cable for Category 6 / class E - verified up to 350 MHz

i Info

- CPR: Article number choice under 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
- Backward compatible
- Flame retardant acc. to IEC 60332-1-2

Norm references / Approvals

- LAN CAT.6 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 E - permanent link).
- Class E out of the standard ISO/IEC 11801 corresponds to CAT.6

Product Make-up

- Solid conductor
- U/UTP: no overall or pair screening, 2 cores stranded to pair, 4 pairs stranded to bundle with central cross
- F/UTP: Foil shielding as overall shielding, 2 cores stranded to pair, 4 pairs stranded to bundle with central cross
- 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%
- 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)
PVC							
2170954	350 U/UTP Cat.6	4 x 2 x AWG24 / 1	0.95	6.0	grey	18	40
LSZH							
2170955	350 U/UTP Cat.6 LSZH	4 x 2 x AWG24 / 1	0.95	6.0	orange	18	40
2170956	350 F/UTP Cat. 6 LSZH	4 x 2 x AWG23 / 1	1.07	7.4	orange	19	52

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

Packaging size: Drum

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

Accessories

- EPIC® DATA AX RJ45 Cat.6_A refer to page 459
- EPIC® DATA 90 RJ45 Cat.6_A refer to page 459