RoHS ✓

New

UNITRONIC® LAN 250 - Cat.6

LAPP KABEL STUTTGART UNITRONIC® LAN U/UTP 250 MHz Cat.6

LAPP KABEL STUTTGART UNITRONIC® LAN F/UTP 250 MHz Cat.6

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

■ 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).

■ Product features
- Transfer of digital and analogue data signals
- LAN Cat.6 cables are specified up to 350 MHz
- IEEE 802.3: 10/100/1000Base-T IEEE 802.5: ISDN; FDDI; ATM

■ Norm references / Approvals
- Class E out of the standard ISO/IEC 11801 corresponds to CAT.6
- 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).
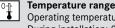
■ Product make-up
- U/UTP: no overall or pair shielding
- F/UTP: foil screening as overall screening
- Solid conductor
- Outer sheath either as PVC (color grey RAL1015) or LSZH (color orange RAL2003)

■ 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%

Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
PVC versions					
2170186	250 U/UTP Cat.6	4 x 2 x AWG24/1	6.5	18.0	46
Halogen-free versions					
2170171	250 U/UTP Cat.6 LSZH	4 x 2 x AWG24/1	6.5	18.0	46
2170170	250 F/UTP Cat.6 LSZH	4 x 2 x AWG24/1	7.5	19.0	54

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: Coil 100 m; Drum (500; 1000) m
Detailed data sheets are available upon request. Please specify the type/dimensions of the required cable.
Photographs are not to scale and do not represent detailed images of the respective products.