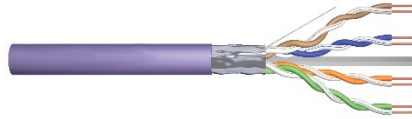


LAN installation cable, CAT 6 F/UTP, 305m, Eca, ATLAS series



General

CAT 6 F-UTP installation cable, 250 MHz, Eca (EN 50575), simplex, purple

CAT 6 F/UTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-6-1, DIN EN 50173, IEC 60332-1. The cable is perfectly suitable for the transmission of both analog and digital data and supports POE and POE+.

Future-oriented standards and high-end quality for your network.

Key features

- Physical properties:
- Basic conductor: solid AWG 23/1, bare annealed copper, diameter 0,57mm nominal
- System/s of AVCP: AVCP 3
- Insulation: HD-PE
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: blue-white, orange-white, green-white, brown-white
- Individual pair shield: none
- Overall shielding: aluminum foil, providing 100% coverage, drain wire
- Outer jacket: halogen-free (FRNC-B/LSZH-1)
- Outer jacket diameter: 0,50mm nominal
- Color: purple (RAL 4005)
- Mechanical properties:
- Tensile loading: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Shipping and storage temperature range: -20°C up to +60°C
- Operating temperature range: -20°C up to +75°C
- Installation temperature range: 0°C up to +50°C
- Overall diameter: 7,0mm nominal
- Flame retardancy: IEC 60332-1
- Halogen-free & smoke-proof: IEC 60754-2 & IEC 61034
- Fire load: 295Mj/km
- Electrical properties:
- Mean impedance: 100±5Ω at 1MHz - 600MHz
- Capacitance: 48pF/m nominal @ 800Hz
- Capacitance unbalance (pair-ground): 1,5pF/m max. @ 1 KHz
- Insulation resistance: 5GΩ x km min.
- DC loop resistance: 147Ω/km max. (2% max. resistance unbalance)
- Voltage resistance: 72Vdc max.
- Coupling attenuation: 40dB

Datasheet

- Signal propagation delay: 535nS/100m max.
- Propagation delay: 20nS/100m max.
- NVP: 69%
- Assortment: twisted pair installation cables
- Length: 305m
- Category: CAT 6
- Color: violet
- CPR: Eca
- Jacket: LSOH
- Shielding: F-UTP, foil shielding
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Product code informations

LAN installation cable, CAT 6 F/UTP							
Product code	Description	Color	Category	Type	Length (m)	Packaging	Number (pcs)
AP-1623-VH-305	LAN installation cable, CAT 6 F/UTP	Purple (RAL 4005)	6	F/UTP	305	Paper box	1