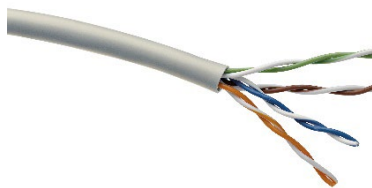


## LAN installation cable, CAT 5E U/UTP, 305m, ATLAS series



### General

CAT 5E U-UTP installation cable, 100 MHz Eca (PVC), AWG 24/1, 305m paper box, simplex, grey

CAT 5E U7UTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-2-1, DIN EN 50173. The cable is perfectly suitable for the transmission of both analog and digital data and supports POE. The shielding structure is composed of single shielded pairs with a tinned copper braid, which ensures excellent shielding and electrical values.

### Key features

- Physical properties:
- Conductor: bare annealed copper, solid AWG 24/1
- Insulation: PE (Polyethylene)
- 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: none
- Outer sheath: Eca acc. to EN 50575; PVC
- Outer sheath diameter (nominal): 0,50mm nominal
- Outer sheath color: grey (RAL 7035)
- 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 +75°C
- Operating temperature range: -20°C up to +60°C
- Installation temperature range: 0°C up to +50°C
- Overall diameter simplex (nominal): 4.7mm nominal
- Electrical properties:
- Impedance: 100±5Ω @ 1-600MHz
- Capacitance: 40pF/m nominal @ 800Hz
- Capacitance unbalance (pair-ground): 1,5pF/m max. @ 1KHz
- Insulation resistance: 5GΩ x km min.
- DC loop resistance: 147Ω/km max. (2% max. resistance unbalance)
- Voltage resistance: 72Vdc max.
- Coupling attenuation: CA-Type 3
- Signal propagation delay: 535nS/100 m max.
- Propagation delay: 20nS/100 m max.
- Separating class: "b" acc. to EN 50174-2
- NVP: 69%
- Assortment: twisted pair installation cables
- Length: 305m
- Category: CAT 5E
- Color: grey

# Datasheet

- CPR: Eca
- Jacket: PVC
- Shielding: U-UTP, unshielded
- Structure: 4 x 2 AWG 24/1, solid twisted pair

## Product code informations

LAN installation cable, CAT 5E U/UTP							
Product code	Description	Color	Category	Type	Length (m)	Packaging	Number (pcs)
AP-1511-V-305-1	LAN installation cable, CAT 5E U/UTP	Grey (RAL 7035)	5E	U/UTP	305	Paper box	1