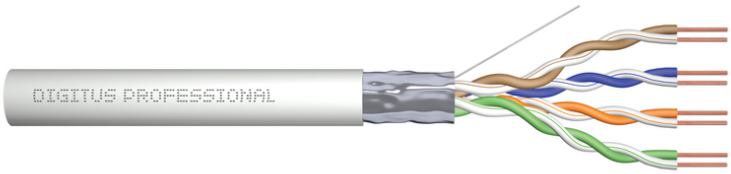
DIGITUS® CAT 5e F/UTP Data Cable - Installation Cable, 305 m, Simplex, Eca

DK-1521-V-305

EAN 4016032241126



CAT 5e F-UTP installation cable, 100 MHz Eca (PVC), AWG 24/1, 305 m paper box, sx, grey

The Digitus® Cat.5e F/UTP installation cable features the following cable construction: 4x2x AWG24/1, and achieves a transmission frequency of up to 100 MHz. The PVC cable jacket complies with the Euroclass Eca of the Construction Products Regulation (CPR). The cable is suitable for structured building cabling in secondary and tertiary areas. It complies with the standards ISO/IEC 11801, DIN EN 50173, and DIN EN 50288-2-1.

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

- Physical Properties:
- Conductor: Bare copper wire, AWG 24/1
- System(s) for evaluating and verifying performance consistency: System 3
- Insulation: PE (polyethylene)
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-White, Orange-White, Green-White, Brown-White
- Shielding of individual pairs: None
- Total shielding: foil shield, dual-wire
- Outer jacket: Eca in accordance with EN 50575; PVC
- Outer jacket thickness (nominal): 0.55 mm nominal
- Outer casing color: Gray (RAL 7035)
- Mechanical Properties:
- Tension relief: 150 N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +75 °C
- Operating temperature range: -20 °C to +60 °C
- Installation temperature range: 0 °C to +50 °C
- Simplex outer diameter (nominal): 6.1 mm nominal
- Electrical Properties:
- Impedance: 100±5 ohms @ 1–100 MHz
- Capacitance: 40 pF/m nominal @ 800 Hz
- Capacitance asymmetry (pair-to-ground): 1.5 pF/m max. @ 1 kHz
- Insulation resistance: 5 GOhm x km min.
- Loop resistance: 147 ohms/km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling Damping: CA Type 3
- Phase delay: 535 nS/100 m max.
- Propagation delay: 20 nS/100 m max.
- Containment Class: "b" according to EN 50174-2
- NVP: 69%

Attributes

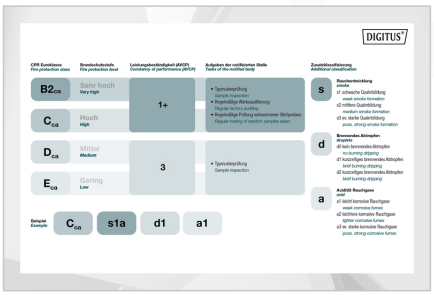
- Assortment: Twisted Pair Installation Cables
- Category: CAT 5e
- Shielding: F-UTP, foil shielding
- CPR: Eca
- Length: 305 m
- Color: grey
- Jacket: PVC
- Structure: 4 x 2 AWG 24/1, solid twisted pair

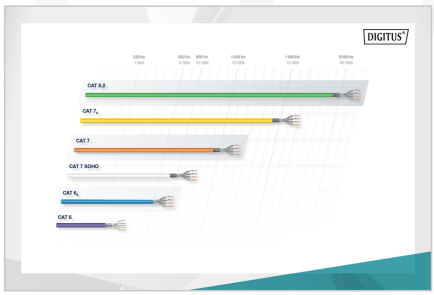
Logistics

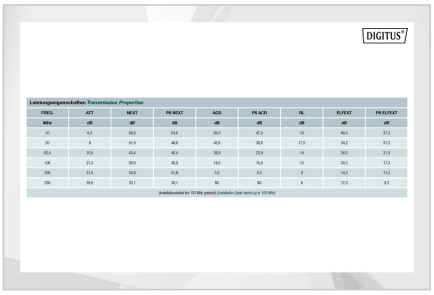
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	2	27.00	43.00	43.00	25.00	46,225.00
Packaging Unit Inside	1	13.50	21.00	40.00	42.00	35,280.00
Packaging Unit Single	1	13.50	21.00	40.00	42.00	35,280.00
Net single without Packaging	1	12.50	41.00	41.00	24.00	0.00

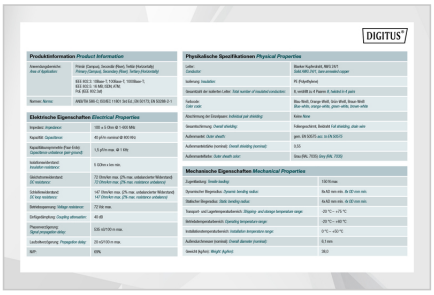
More images:

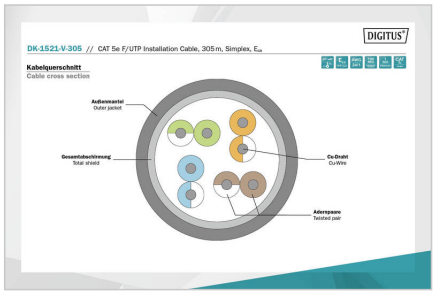


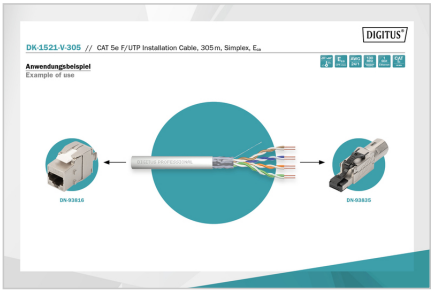


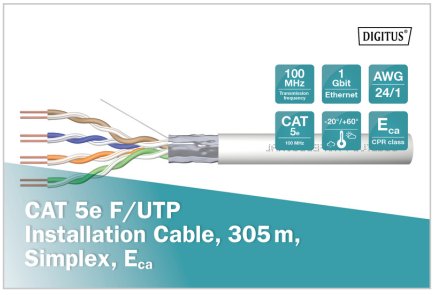














Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- For indoor cables (LSZH jacket): Suitable only for installation in dry indoor environments.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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