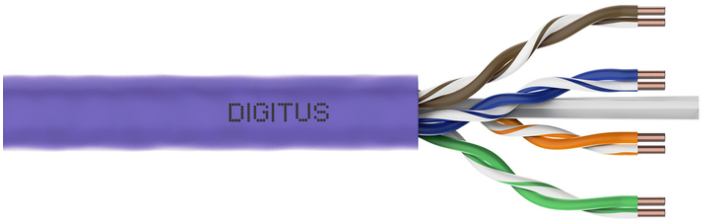
DIGITUS® CAT 6 U/UTP Data Cable - Installation Cable, 500 m, Simplex, Eca

DK-1613-VH-5

EAN 4016032343660



CAT 6 U-UTP installation cable, 250 MHz Eca (EN 50575), AWG 23/1, 500 m drum, sx, purple

The Digitus Cat 6 U/UTP installation cable is designed for use in structured data centers and building cabling systems in accordance with ISO/IEC 11801, DIN EN 50288-6-1, DIN EN 50173, and IEC 60332-1. The cable is ideally suited for the transmission of analog and digital data and supports PoE and PoE+.

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

- Physical Properties:
- Conductor: Bare copper wire, AWG 23/1
- System(s) for evaluating and verifying performance consistency: System 3
- Insulation: HD-PE (High-Density 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
- Overall shielding: None
- Outer jacket: Eca to B2ca in accordance with EN 50575; LSZH
- (Nominal outer jacket thickness): 0.5 mm (Eca); 0.6 mm (Dca); 1.0 mm (Cca); 1.0 mm (B2ca)
- Outer casing color: Violet (RAL 4005)
- 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 +60 °C
- Operating temperature range: -20 °C to +75 °C
- Installation temperature range: 0 °C to +50 °C
- Simplex outer diameter (nominal): 6.1 mm (Eca); 6.3 mm (Dca); 6.8 mm (Cca); 6.8 mm (B2ca)
- Weight (kg/km): 41 kg (Eca); 42 kg (Dca); 44 kg (Cca); 44 kg (B2ca)
- Electrical Properties:
- Impedance: 100 ± 5 ohms @ 1–250 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 6
- Shielding: U-UTP, unshielded
- CPR: Eca
- Length: 500 m
- Color: violet
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

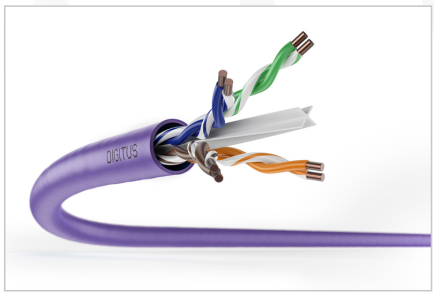
Logistics

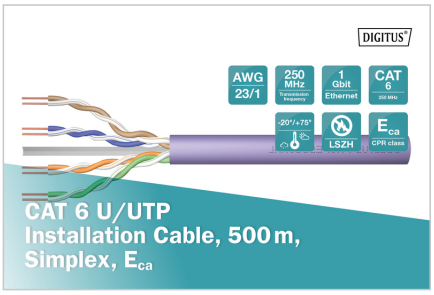
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	21.00	39.50	38.00	27.50	41,277.50
Packaging Unit Inside	1	21.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	21.00	37.00	37.00	29.00	39,701.00
Net single without Packaging	1	19.00	33.00	34.00	12.00	0.00

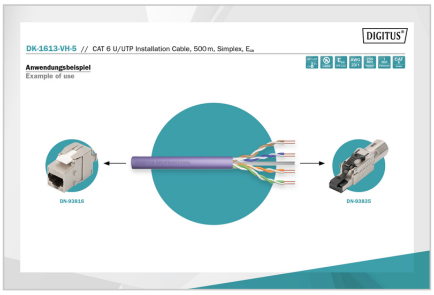
More images:

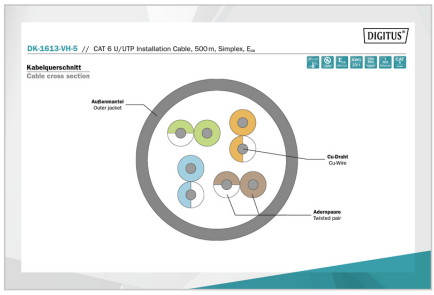


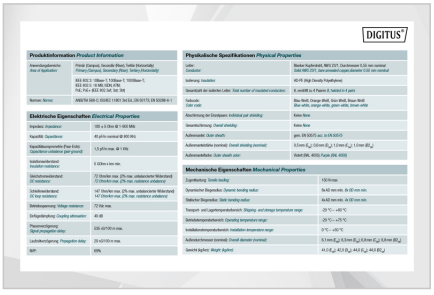


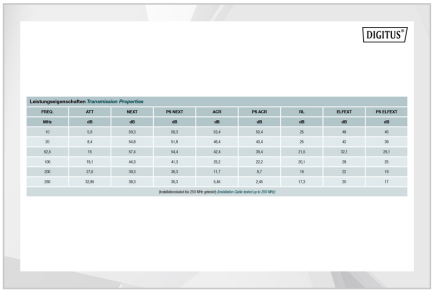


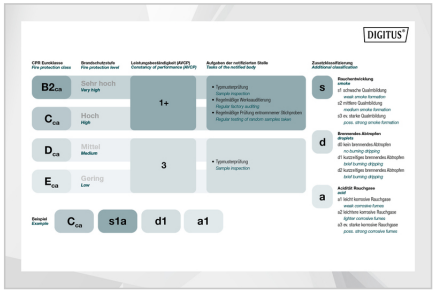


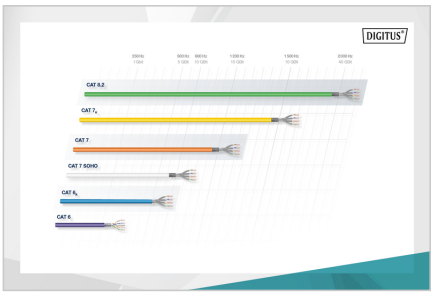


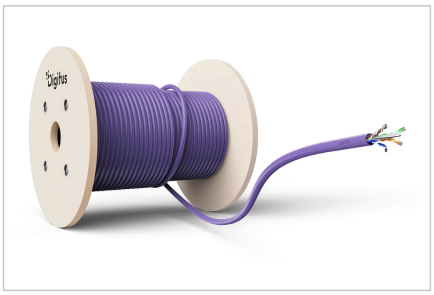












Safety notes

- 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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