

Digitus® CAT 6A U/UTP data cable - installation cable, 100 m paper box, simplex, Dca

DK-1614-A-VH-1

EAN 4016032441861



CAT 6A U-UTP installation cable, 500 MHz Dca (EN 50575), AWG 23/1, 100 m paper box,

DIGITUS® Category 6A U-UTP installation cables have been developed and tested according to ISO/IEC 11801, TIA/586-C.2 and EN 50173 Category 6A specifications. Each cable consists of 8 color-coded AWG 23 polyethylene insulated conductors. The conductors are twisted into 4 pairs with different lay lengths. Print details along the outer jacket include the brand name and part number. The cable is packaged in a cardboard pull-out box for ease of installation.

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

- Physical properties:
- Conductor: Bare copper wire, AWG 23/1
- 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 the individual pairs: None
- Overall shielding: None
- Outer sheath: Eca to B2ca in accordance with EN 50575; LSZH
- Outer sheath thickness (nominal): 0.5 mm (Eca); 0.6 mm (Dca); 1.2 mm (Cca); 1.4 mm (B2ca)
- Outer casing color: Light blue (RAL 5012)
- Mechanical properties:
- Strain relief: 150N 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
- Outer diameter simplex (nominal): 7.1 mm (Eca); 7.3 mm (Dca); 7.4 mm (Cca); 7.6 mm (B2ca)
- Weight (kg/km): 53 kg (Eca); 54 kg (Dca); 55 kg (Cca); 56 kg (B2ca)
- Electrical properties:
- Impedance: 100±5Ohm @ 1 - 600MHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min. Technical Feature 27 Loop resistance: 147 Ohm/km max. (2% max)
- Loop resistance: 147 Ohm/km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling attenuation: CA-Type 2
- Phase delay: 450 nS/100 m max.
- Time delay: 10 nS/100 m max.
- Separation class: "c" according to EN 50174-2
- NVP: 70%

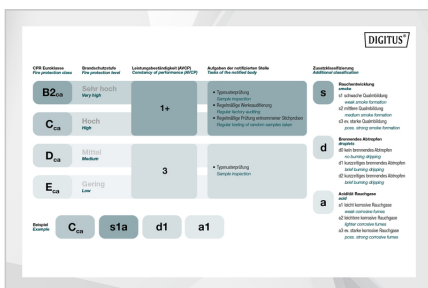
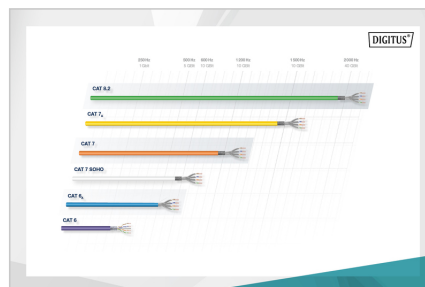
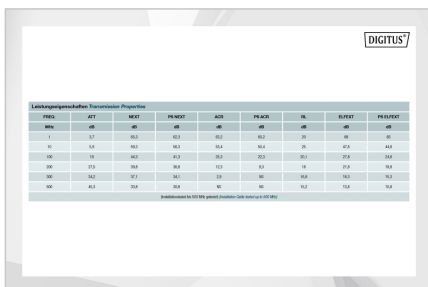
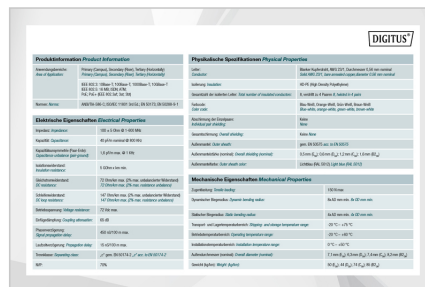
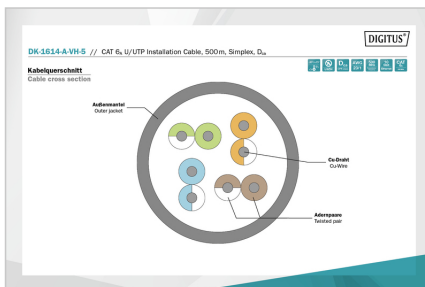
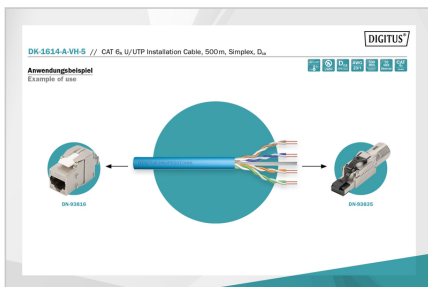
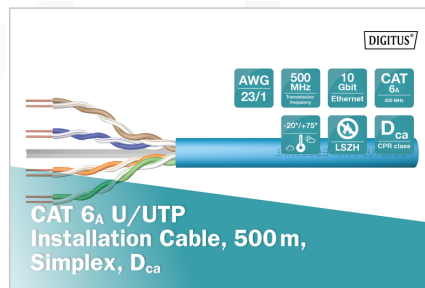
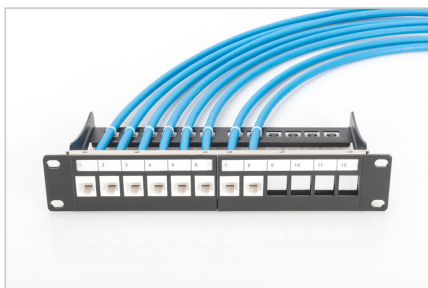
Attributes

- Category: CAT 6A
- Shielding: U-UTP, unshielded
- CPR: Dca
- Length: 100 m
- Color: light-blue
- 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	4.88	33.00	33.00	12.00	13,068.00
Packaging Unit Inside	1	4.88	0.00	0.00	0.00	0.00
Packaging Unit Single	1	4.88	33.00	33.00	12.00	13,068.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	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.
- Installation only in dry rooms.
- 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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