

DIGITUS® CAT 6A U/UTP installation cable, 100 m, simplex, Cca

DK-1615-A-VH-1

EAN 4016032441892



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

DIGITUS® Category 6A U-UTP installation cables are manufactured and tested to the ISO/IEC 11801, TIA/-586-C.2 and EN 50173 Category 6A specifications. Every cord consists of 8 color coded AWG 23 polyethylene insulated conductors. The conductors are twisted together to form 4 pairs with varying lay lengths. Printing details along the outer sheath includes the brand name and item code. The cable is packed in a paper pullout box which makes the installation easy.

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

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- Insulation: HD-PE (High Density 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: Dca to B2ca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0,5 mm (Eca); 0,6 mm (Dca); 1,2 mm (Cca); 1,4 mm (B2ca)
- Outer sheath color: Light blue (RAL 5012)
- 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

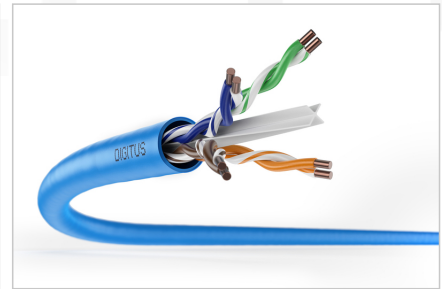
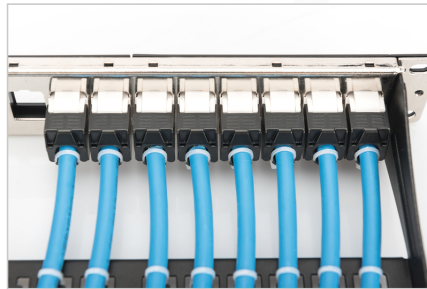
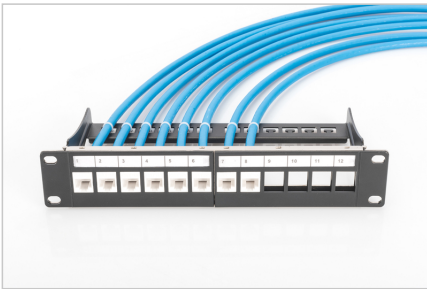
- Operating temperature range: -20 °C up to +75 °C
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7,1 mm (Eca); 7,3 mm (Dca); 7,4 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 53 kg (Eca); 54 kg (Dca); 55 kg (Cca); 56 kg (B2ca)
- Electrical properties:
- Impedance: 100±50Ω @ 1 - 600MHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-ground): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GΩ x km min.
- DC loop resistance: 147 Ω/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: CA-Type 2
- Signal propagation delay: 450 nS/100 m max.
- Propagation delay: 10 nS/100 m max.
- Separating class: "c" acc. to EN 50174-2
- NVP: 70%

Attributes

- Category: CAT 6A
- Shielding: U-UTP, unshielded
- CPR: Cca
- 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	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



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AWG 23/1
500 MHz
10 Gbit Ethernet
20°/75°
LSZH
D Ca
Cat 6a
CPL class

CAT 6a U/UTP Installation Cable, 500m, Simplex, D_{Ca}

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DK-1614-A-VH-S // CAT 6a U/UTP Installation Cable, 500m, Simplex, D_{Ca}

Anwendungsbeispiel
Example of use

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DK-1614-A-VH-S // CAT 6a U/UTP Installation Cable, 500m, Simplex, D_{Ca}

Kabelquerschnitt
Cable cross section

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Produktdatenblatt / Product Information	Physikalische Spezifikationen / Physical Properties
Identifikationsdaten Hersteller: Digitus (China, Taiwan) Produktname: CAT 6a U/UTP Installation Cable Artikelnummer: DK-1614-A-VH-S EPC: 1614-A-VH-S-001	Material Kategorie: CAT 6a U/UTP Installation Cable Material: Polyethylene (PE) Jacket, Copper Conductors Kategorie: CAT 6a U/UTP Installation Cable Material: Polyethylene (PE) Jacket, Copper Conductors
Technische Eigenschaften Kategorie: CAT 6a U/UTP Installation Cable Material: Polyethylene (PE) Jacket, Copper Conductors Kategorie: CAT 6a U/UTP Installation Cable Material: Polyethylene (PE) Jacket, Copper Conductors	Mechanische Eigenschaften Kategorie: CAT 6a U/UTP Installation Cable Material: Polyethylene (PE) Jacket, Copper Conductors Kategorie: CAT 6a U/UTP Installation Cable Material: Polyethylene (PE) Jacket, Copper Conductors

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Leistungsmerkmale / Transmission Properties

Strecke	100m	150m	200m	250m	300m	350m	400m	450m	500m
100m	100	100	100	100	100	100	100	100	100
150m	100	100	100	100	100	100	100	100	100
200m	100	100	100	100	100	100	100	100	100
250m	100	100	100	100	100	100	100	100	100
300m	100	100	100	100	100	100	100	100	100
350m	100	100	100	100	100	100	100	100	100
400m	100	100	100	100	100	100	100	100	100
450m	100	100	100	100	100	100	100	100	100
500m	100	100	100	100	100	100	100	100	100

Compliance Statement No. 2020-520

Hersteller: Digitus (China, Taiwan)

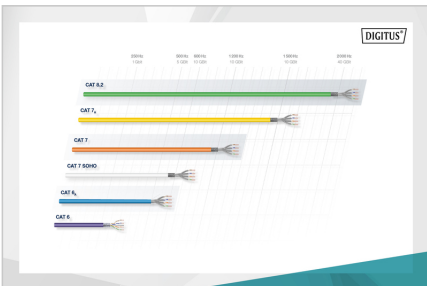
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Intertek

Intertek



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CEP-Bestimmungen
Compliance Statement

Druckauswahl
Print Selection

Leistungsmerkmale / Transmission Properties
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Material: Polyethylene (PE) Jacket, Copper Conductors

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