

DIGITUS Cat.6A U/UTP installation cable, 305 m, simplex, Eca

DK-1613-A-VH-305
EAN 4016032344100



CAT 6A U-UTP installation cable, 500 MHz Eca (EN 50575), AWG 23/1, 305 m drum, sx, blue

The Digitus® Cat.6A U/UTP installation cable is characterized by the following cable construction 4x2x AWG23/1 and reaches a transmission frequency up to 500 MHz. The halogen free cable jacket is conform to the standard IEC 60332-1, FRNC-B, LSZH-1 and CPR Euro class Eca. The cable is suitable for building structured cabling in the secondary and tertiary area. Compliant with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-11-1.

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

- Physical properties:
- Conductor: Bare annealed copper, olid AWG 23/1
- System/s of AVCP: AVCP 3
- 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: Eca 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

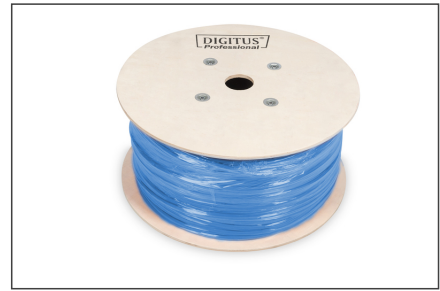
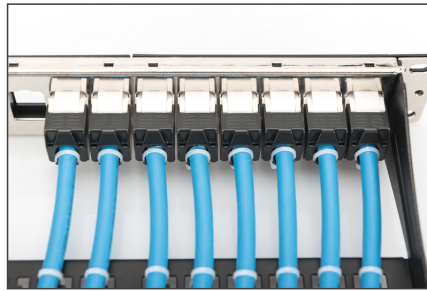
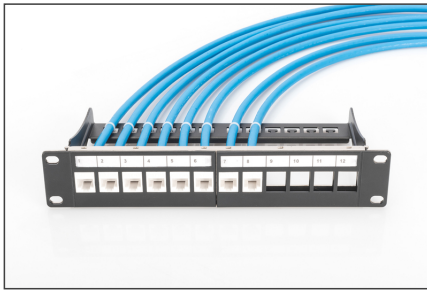
- Operating temperature range: -20 °C up to +75 °C
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7,1 mm (Eca); 7,3 mm (Dca); 7,4 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 53 kg (Eca); 54 kg (Dca); 55 kg (Cca); 56 kg (B2ca)
- Electrical properties:
- Impedance: 100±5Ohm @ 1 - 600MHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-ground): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC loop resistance: 147 Ohm/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

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6A
- Shielding: U-UTP, unshielded
- CPR: Eca
- Length: 305 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)	cm ³
Packaging Unit Carton	1	17.00	39.00	39.00	27.00	41,067.00
Packaging Unit Inside	1	17.00	39.00	39.00	27.00	41,067.00
Packaging Unit Single	1	17.00	39.00	39.00	27.00	41,067.00
Net single without Packaging	1	16.82	39.00	39.00	27.00	41,067.00

More images:



CAT 6_A U/UTP Installation Cable, 305 m, Simplex, E_{ca}

DK-1613-A-VH-305 // CAT 6_A U/UTP Installation Cable, 305 m, Simplex, E_{ca}

Anwendungsbeispiel
Example of use

DK-1613-A-VH-305 // CAT 6_A U/UTP Installation Cable, 305 m, Simplex, E_{ca}

Kabelquerschnitt
Cable cross section

Produktinformationen Product Information

Bestellnummer	DK-1613-A-VH-305	Produktname	CAT 6 _A U/UTP Installation Cable, 305 m, Simplex, E _{ca}
Hersteller	DIGITUS	Material	LSZH
Material	LSZH	Farbe	Blau
Abmessungen	305 m	Nettogewicht	~ 1,5 kg

Technische Eigenschaften Technical Properties

Standard	ISO/IEC 61898	Lebensdauer	10 Jahre
Temperaturbereich	-20°C bis +75°C	Flammverhalten	LSZH
Wahlstrom	2,5 mA	Wahlstrom	2,5 mA

Mechanische Eigenschaften Mechanical Properties

Lebensdauer	10 Jahre	Temperaturbereich	-20°C bis +75°C
Wahlstrom	2,5 mA	Wahlstrom	2,5 mA

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

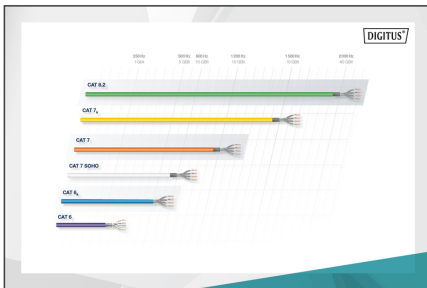
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RoHS Compliant of Lead-free Product (RoHS/REACH)

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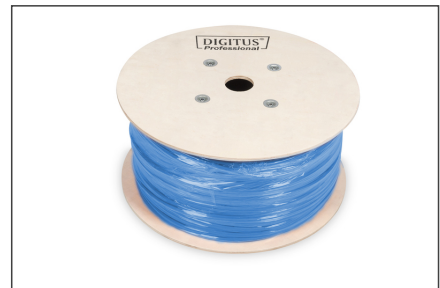
DIGITUS

CEP (Cable End Preparation) and **CEP** (Cable End Preparation) are used for the cable ends.

B2_{ca} (Braid) and **C_{ca}** (Cable) are used for the cable ends.

D_{ca} (Diameter) and **E_{ca}** (Emission) are used for the cable ends.

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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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