

# 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.

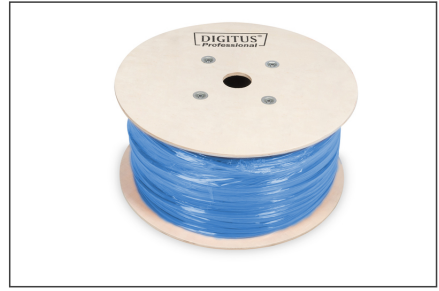
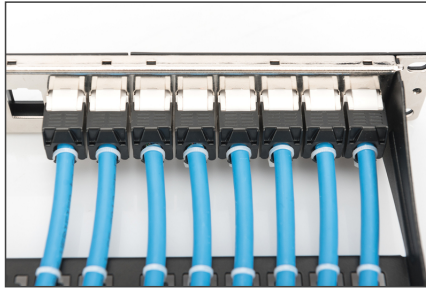
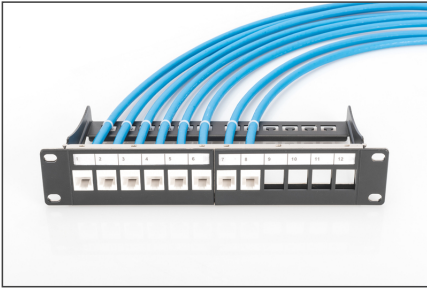
**Future-oriented standards and high-end quality for your network.**

- 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±50hm @ 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%
- 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)	cm³
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:



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AWG 23/1, 500 MHz, 10 Gbit Ethernet, CAT 6a, LSZH, Eca

**CAT 6a U/UTP Installation Cable, 305 m, Simplex, Eca**

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Beispiel der Anwendung

**DIGITUS**

**DK-1613-A-VH-305** // CAT 6a U/UTP Installation Cable, 305 m, Simplex, Eca

Kabelquerschnitt

4-paarscher Twisted pair, Co-Braid, Co-Wire, Aderpaar Twisted pair

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Produktinformation Product Information

Produktname	Produktbeschreibung	Physikalische Spezifikationen / Physical Properties
DK-1613-A-VH-305	305 m U/UTP Installation Cable, 305 m, Simplex, Eca	AWG 23/1, 500 MHz, 10 Gbit Ethernet, CAT 6a, LSZH, Eca
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Leistungsmerkmale / Transmission Properties

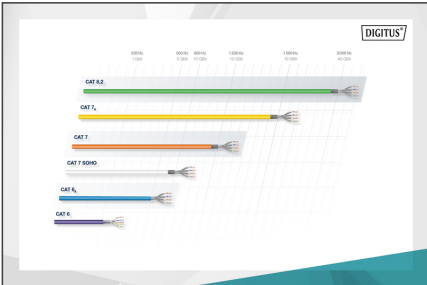
U/UTP	PKT	MAX	PK NEXT	ACR	PS NEXT	AL	SLRXT	PSLRTX
100	55	65	65	65	65	65	65	65
150	57	67	67	67	67	67	67	67
200	59	69	69	69	69	69	69	69
250	61	71	71	71	71	71	71	71
300	63	73	73	73	73	73	73	73

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RoHS Verified Certificate of Compliance Number: 1600034947-001

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SPR Bestanden

Drahtstruktur

Leistungsmerkmale (PKT)

Auflagen der verbleibenden Seite

Zeichenerklärung

- B2<sub>cs</sub>**: Solid high strength
- C<sub>ca</sub>**: Mesh wrap
- D<sub>ca</sub>**: Mesh
- E<sub>ca</sub>**: Gerdnet wrap

**1+**

- Twisted pair
- Rigidly reinforced
- Rigidly reinforced
- Rigidly reinforced
- Rigidly reinforced

**3**

- Twisted pair
- Twisted pair

**a**

- Twisted pair
- Twisted pair

Labels: C<sub>ca</sub>, s1a, d1, a1

