

# DIGITUS Cat.6A U/FTP installation cable, 100 m, simplex, Eca

DK-1623-A-VH-1  
EAN 4016032344117



### CAT 6A U-FTP installation cable, 500 MHz Eca (EN 50575), AWG 23/1, 100m paper box, sx, blue

The Digitus® Cat.6A U/FTP 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 50288-10-1.

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

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- System/s of AVCP: AVCP 3
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shielding: Aluminum foil, providing 100 % coverage
- Overall shielding: None, with drain wire
- Outer sheath: Eca to B2ca acc. to EN 50575; LSZH
- 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

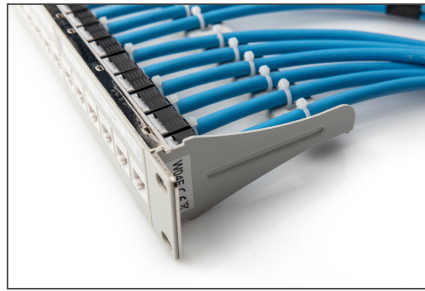
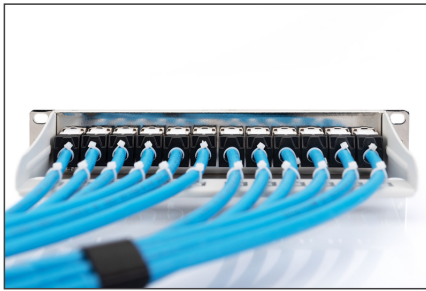
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 56 kg (Eca); 57 kg (Dca); 58 kg (Cca); 58 kg (B2ca)
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 100MHz; 100±25 Ohm @100-500 MHz
- Capacitance: 45 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-ground): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC loop resistance: 190 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: 15 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-FTP, pairs in metal foil
- CPR: Eca
- 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	4.50	33.00	32.00	11.00	11,616.00
Packaging Unit Inside	1	4.50	33.00	32.00	11.00	11,616.00
Packaging Unit Single	1	4.50	33.00	32.00	11.00	11,616.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



**CAT 6A U/FTP Installation Cable, 100 m, Simplex, E<sub>ca</sub>**

**DK-1623-A-VH-1 // CAT 6, U/FTP Installation Cable, 100m, Simplex, E<sub>ca</sub>**

**Anwendungsbereich**  
Example of use

**DK-1623-A-VH-1 // CAT 6, U/FTP Installation Cable, 100m, Simplex, E<sub>ca</sub>**

**Kabelquerschnitt**  
Cable cross section

Adressierung: Data point  
Adressierung: Hub/switch  
Adressierung: Patch panel  
Adressierung: Patch panel

**Produktinformationen Product Information**

Bezeichnung	DK-1623-A-VH-1 // CAT 6, U/FTP Installation Cable, 100m, Simplex, E <sub>ca</sub>	Teilenummer	1623-A-VH-1
Hersteller	ASSMANN Electronic GmbH, Wiesbaden, Germany	Produkttyp	Installation Cable
Material	PVC, LSZH, 23 AWG, 100m, Simplex, E <sub>ca</sub>	Material	PVC, LSZH, 23 AWG, 100m, Simplex, E <sub>ca</sub>
Normen	ISO 9001:2015, ISO 14001:2015, ISO 45001:2018	Normen	ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

**Technische Eigenschaften Technical Properties**

Strombelastbarkeit	1.0 A	Strombelastbarkeit	1.0 A
Spannung	100 V	Spannung	100 V
Leistung	100 W	Leistung	100 W

**Leistungseigenschaften Transmission Properties**

Paar	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG
1	23	23	23	23	23	23	23	23
2	23	23	23	23	23	23	23	23
3	23	23	23	23	23	23	23	23
4	23	23	23	23	23	23	23	23

**Intertek ETL Verified Certificate of Customer Number: 114228207401**

Product: CAT 6 U/FTP Installation Cable, 100m, Simplex, E<sub>ca</sub>

Location: Wiesbaden, Germany

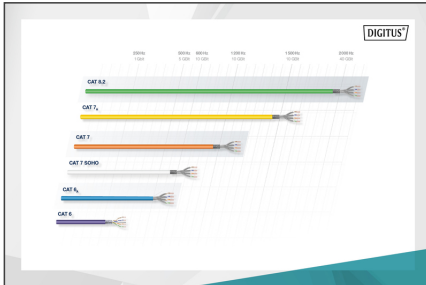
Valid until: 04/30/2024

**Certificate No. 16684-12**

**Zertifikat No. 16684-12**

Category 6a

Category 6a



**CE Marking**

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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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