

# DIGITUS® CAT 6A U/FTP installation cable, 100 m, simplex, Dca

DK-1624--A-VH-1

EAN 4016032344131



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

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 Dca . 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 @ 1KHz
- 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: 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	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:



**DIGITUS**

**CPR** Systeme  
 B2ca  
 Cca  
 Dca  
 Eca

**Brandmarken**  
 Cca s1a d1 a1

**Leistungsmerkmale**  
 1+  
 3

**Erweiterung**  
 1+  
 3

**Erweiterung**  
 1+  
 3



**GHMT**

**Certificate**  
 No. 48884-21

**Zertifikat**  
 Nr. 48884-21

**Category 6e**

**GHMT Type Approval**

**Intertek**

**ETL Veritas Certificate of Conformance**  
 Number: 111422502CPT-011

**Intertek**

**Product/Trade Name**  
 CAT 6A U/FTP Installation Cable

**Model/Part Number**  
 DK-1623-A-VH-1

**Manufacturer**  
 Digitus Technology Co., Ltd.

**DIGITUS**

**Leistungsmerkmale/Performance Properties**

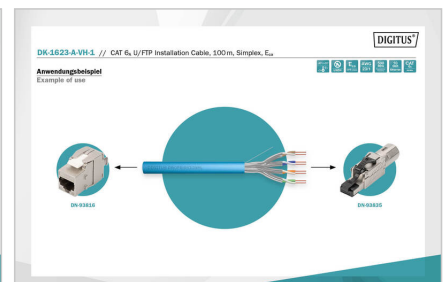
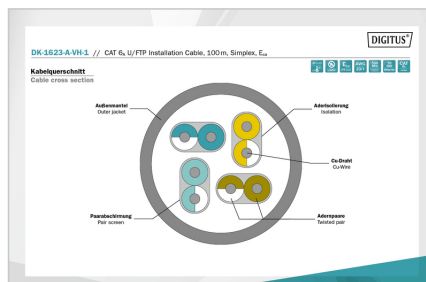
PROG.	EXT.	NEXT	PS NEXT	ACR	PS ACR	SL	EXTFEXT	PS EXFEXT
1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
10000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

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**Produktbeschreibung/Produkt Information**

**Technische Eigenschaften/Technical Properties**

**Mechanische Eigenschaften/Mechanical Properties**



**DIGITUS**

**CAT 6A U/FTP Installation Cable, 100 m, Simplex, Eca**

**AWG 23/1**

**500 MHz**

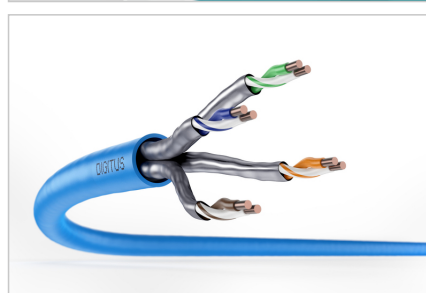
**10 Gbit Ethernet**

**CAT 6A**

**Eca**

**LSZH**

**CPR class**



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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