

DIGITUS® Cat.6A U/FTP installation cable, 500 m, simplex, Cca

DK-1625-A-VH-5
EAN 4016032435877



CAT 6A U-FTP installation cable, 500 MHz Cca (EN 50575), AWG 23/1, 500 m drum, 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 Cca. 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

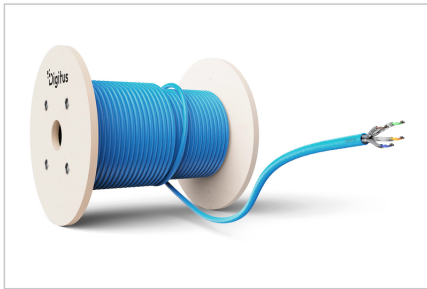
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 56 kg (Eca); 57 kg (Dca); 58 kg (Cca); 58 kg (B2ca)
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 100MHz; 100±25 Ohm @100-500 MHz
- 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: Cca
- Length: 500 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	28.00	40.00	30.00	30.00	36.00
Packaging Unit Inside	1	28.00	40.00	30.00	30.00	36.00
Packaging Unit Single	1	28.00	40.00	30.00	30.00	36.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



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CPR Symbolen en productiesamenstelling

B2ca	Geïsoleerde Vtw type	1+	• Vlamvertragend • Rookvrij • Rookkleurloos • Rookdichtheid • Rookgevoeligheidscoëfficiënt
Cca	Hoofd Afd		
Dca	Minimaal Meduim		
Eca	Starting Low		

Productiesamenstelling

S Rookvertragend
• Bij hoge Temperatuur
• Rookvrij
• Rookkleurloos
• Rookdichtheid
• Rookgevoeligheidscoëfficiënt

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a Agglutinaties
• Agglutinaties
• Agglutinaties
• Agglutinaties
• Agglutinaties

Symbolen

Cca s1a d1 a1



GHMT

Certificate
No. 48884-21

Zertifikat
Nr. 48884-21

Category 6e

GHMT Type Approval

GHMT Type Approval

Intertek

ETL Veritas Certificate of Conformance Number: 111422502CPT-011

Intertek

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

Model: CAT 6A U/FTP Installation Cable

Manufacturer: Digitus

Address: Digitus Technology Co., Ltd., No. 100, Zhongxing Rd., Hsinchu City, Taiwan, R.O.C.

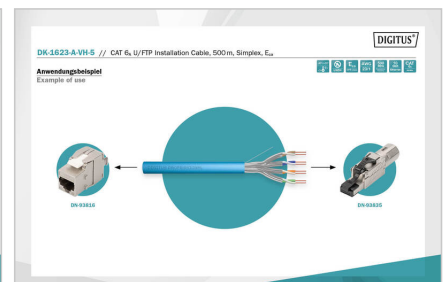
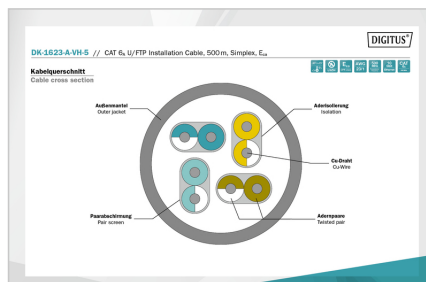
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Leistungseigenschaften/Performance Properties

PROG.	EXT.	NEXT	PS NEXT	AGB	PS AGB	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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Technische Eigenschaften/Technical Properties	Physikalische Spezifikationen/Physical Properties
Produktbeschreibung/Product Information	Artikelnummer/Part Number
Bestandteile/Components	Materialien/Materials
Abmessungen/Dimensions	Mechanische Eigenschaften/Mechanical Properties
Umweltbedingungen/Environmental Conditions	Elektrische Eigenschaften/Electrical Properties
Verpackung/Packaging	Chemische Eigenschaften/Chemical Properties
Transport/Transportation	Wartung/Maintenance
Speicherung/Storage	Reparatur/Repair
Handhabung/Handling	Abfallentsorgung/Waste Disposal
Wartung/Maintenance	Wartung/Maintenance
Reparatur/Repair	Reparatur/Repair
Abfallentsorgung/Waste Disposal	Abfallentsorgung/Waste Disposal



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AWG 23/1

500 MHz

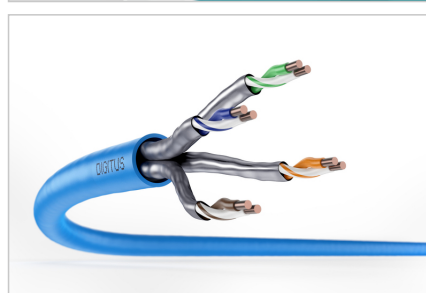
10 Gbit Ethernet

CAT 6A 100 m

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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