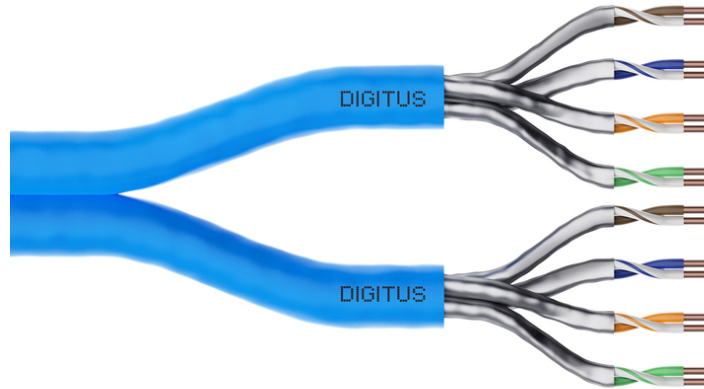


DIGITUS® CAT 6A U/FTP installation cable, 100 m, duplex, Eca

DK-1623-A-VH-D-1
EAN 4016032456544



CAT 6A U-FTP installation cable, 500 MHz Eca (EN 50575), AWG 23/1, 100 m, drum, dx, 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

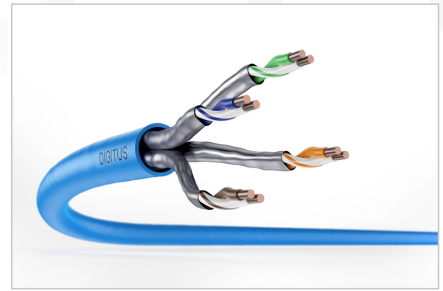
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 56 kg (Eca); 57 kg (Dca); 58 kg (Cca); 58 kg (B2ca)
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 100MHz; 100±25 Ohm @100-500 MHz
- Capacitance: 45 pF/m nominal @ 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

- Asortiman: Instalacijski kabeli s upredenim paricama
- Kategorija: CAT 6A
- Oklop: U-FTP, parovi u metalnoj foliji
- CPR: Eca
- Duljina: 100 m
- Boja: svijetlo plavi
- Kapica: LSOH
- Struktura: 4 x 2 AWG 23/1, kruto upletena parica

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	20	257.00	120.00	82.00	82.00	806,880.00
Packaging Unit Inside	1	12.85	0.00	0.00	0.00	0.00
Packaging Unit Single	1	12.85	40.00	40.00	14.00	22,400.00
Net single without Packaging	1	9.70	0.00	0.00	0.00	0.00

More images:



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AWG 23/1
500 MHz
10 Gbit Ethernet
20°/75°
LSZH
Eca
Cat 6a class

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

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DK-1623-A-VH-1 // CAT 6, U/FTP Installation Cable, 100m, Simplex, Eca

Anwendungsbeispiel
Example of use

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DK-1623-A-VH-1 // CAT 6, U/FTP Installation Cable, 100m, Simplex, Eca

Kabelquerschnitt
Cable cross section

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Produktdaten / Product Information	Physikalische Spezifikationen / Physical Properties
Bestellnummer / Order Number: DK-1623-A-VH-1	Typ / Type: CAT 6 U/FTP Installation Cable
Hersteller / Manufacturer: Digitus Technology Co., Ltd.	Material / Material: PVC Jacket, Copper Conductors
Produktbeschreibung / Product Description: CAT 6 U/FTP Installation Cable, 100m, Simplex, Eca	Leistungsfähigkeit / Performance: 10 Gbit Ethernet, 500 MHz
Abmessungen / Dimensions: 100m length, 23 AWG	Temperaturbereich / Temperature Range: -40°C to +75°C
Material / Material: PVC Jacket, Copper Conductors	Flammverhalten / Flamm Retardancy: LSZH (Low Smoke Zero Halogen)
Umweltbedingungen / Environmental Conditions: Humidity: 10% to 90% RH	Bestandteile / Components: Jacket, Shield, Twisted Pairs, Strands
Zusätzliche Informationen / Additional Information: RoHS Compliant, CE Marked	Technische Zeichnungen / Technical Drawings: See drawing for details

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Leistungseigenschaften / Performance Properties

Item	Part	Model	PL-10V1	AM	PL-10V2	DL	SL-10V1	PL-10V2
1	31	30	30	30	30	30	30	30
2	31	30	30	30	30	30	30	30
3	31	30	30	30	30	30	30	30
4	31	30	30	30	30	30	30	30
5	31	30	30	30	30	30	30	30
6	31	30	30	30	30	30	30	30
7	31	30	30	30	30	30	30	30
8	31	30	30	30	30	30	30	30
9	31	30	30	30	30	30	30	30
10	31	30	30	30	30	30	30	30

Intertek

ETL Verified Certificate of Conformance Number: 194229903P-011

Model: CAT 6 U/FTP Installation Cable

Part Number: DK-1623-A-VH-1

Quantity: 1000000

Order Date: 08/12/2019

Approved: [Signature]

GHMT

Certificate
No. 190824-21

Zertifikat
No. 190824-21

Category 6e

Category 6e

GHMT Type Approval

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EN Normen / EN Standards	Normenreihe / Norm Series	Leistungsleistung (dB) / Power Level (dB)	Anforderungen an die Fertigung / Requirements for Manufacturing	Zusätzliche Anforderungen / Additional Requirements
B2ca	Sehr hoch / Very High	1+	• Typspezifische Fertigung • Präzisionsfertigung	• Abwesenheit von Defekten
Cca	Hoch / High	2	• Typspezifische Fertigung • Präzisionsfertigung	• Abwesenheit von Defekten
Dca	Mittel / Medium	3	• Typspezifische Fertigung	• Abwesenheit von Defekten
Eca	Gering / Low	3	• Typspezifische Fertigung	• Abwesenheit von Defekten

Product Code: Cca s1a d1 a1



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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