

DIGITUS® CAT 6A U/FTP installation cable, 500 m, duplex, Cca

DK-1625-A-VH-D-5
EAN 4016032486787



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

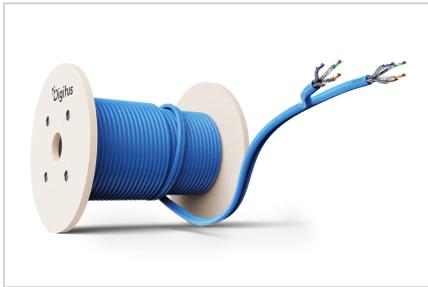
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 56 kg (Eca); 57 kg (Dca); 58 kg (Cca); 58 kg (B2ca)
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 100MHz; 100±25 Ohm @100-500 MHz
- 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	52.80	55.00	55.00	38.00	114,950.00
Packaging Unit Inside	1	52.80	57.00	30.00	35.50	60,705.00
Packaging Unit Single	1	52.80	55.00	55.00	38.00	114,950.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:

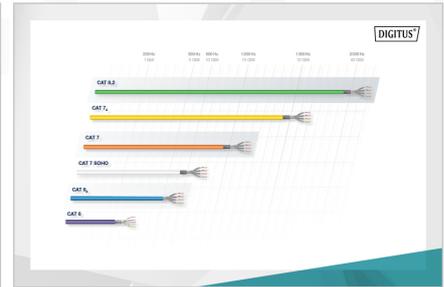


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CPR Symbol: B2ca, Cca, Dca, Eca

Brand: s1a, d1, a1

Technical specifications and safety information in German.



GHMT

Certificate No. 48884-21

Zertifikat No. 48884-21

Category 6e

Technical specifications and certification details in German.

Intertek

ETL Veritas Certificate of Conformance Number: 111422202CPT-011

Technical specifications and certification details in English.

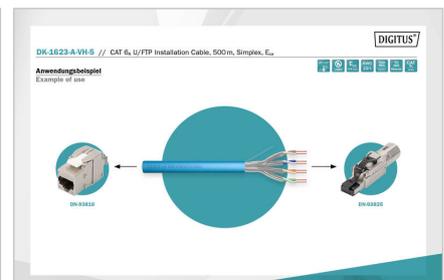
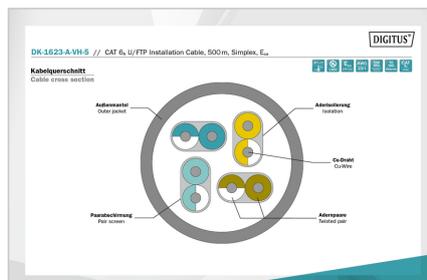
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Leistungseigenschaften/Power Transmission Properties

PROB.	UT	NEXT	PS NEXT	ALO	PS ALO	SL	EXTFEXT	PS EXFEXT
MHz	dB	dB	dB	dB	dB	dB	dB	dB
1	1.1	21	16	8.2	10.3	25	16	21
10	1.3	19	17	8.1	10.7	25	16	21
100	1.6	16.1	15	8.0	10.9	20.1	16	20
1000	1.1	15	14	7.9	11.3	17	17	17
10000	1.0	13.3	12	7.7	11.7	14.2	14	14

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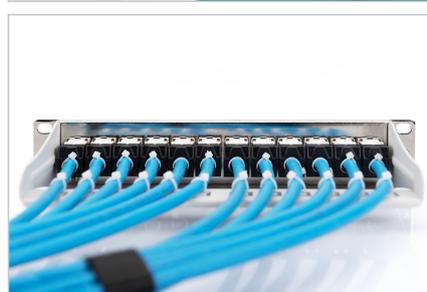
Produktbeschreibung/Produkt Information	Physikalische Spezifikationen/Physical Properties
Produktname: U/FTP Installation Cable, 500m, Simplex, Eca	Standard: IEC 60332-1, IEC 60332-3, IEC 60332-5, IEC 60332-6, IEC 60332-7, IEC 60332-8, IEC 60332-9, IEC 60332-10, IEC 60332-11, IEC 60332-12, IEC 60332-13, IEC 60332-14, IEC 60332-15, IEC 60332-16, IEC 60332-17, IEC 60332-18, IEC 60332-19, IEC 60332-20, IEC 60332-21, IEC 60332-22, IEC 60332-23, IEC 60332-24, IEC 60332-25, IEC 60332-26, IEC 60332-27, IEC 60332-28, IEC 60332-29, IEC 60332-30, IEC 60332-31, IEC 60332-32, IEC 60332-33, IEC 60332-34, IEC 60332-35, IEC 60332-36, IEC 60332-37, IEC 60332-38, IEC 60332-39, IEC 60332-40, IEC 60332-41, IEC 60332-42, IEC 60332-43, IEC 60332-44, IEC 60332-45, IEC 60332-46, IEC 60332-47, IEC 60332-48, IEC 60332-49, IEC 60332-50, IEC 60332-51, IEC 60332-52, IEC 60332-53, IEC 60332-54, IEC 60332-55, IEC 60332-56, IEC 60332-57, IEC 60332-58, IEC 60332-59, IEC 60332-60, IEC 60332-61, IEC 60332-62, IEC 60332-63, IEC 60332-64, IEC 60332-65, IEC 60332-66, IEC 60332-67, IEC 60332-68, IEC 60332-69, IEC 60332-70, IEC 60332-71, IEC 60332-72, IEC 60332-73, IEC 60332-74, IEC 60332-75, IEC 60332-76, IEC 60332-77, IEC 60332-78, IEC 60332-79, IEC 60332-80, IEC 60332-81, IEC 60332-82, IEC 60332-83, IEC 60332-84, IEC 60332-85, IEC 60332-86, IEC 60332-87, IEC 60332-88, IEC 60332-89, IEC 60332-90, IEC 60332-91, IEC 60332-92, IEC 60332-93, IEC 60332-94, IEC 60332-95, IEC 60332-96, IEC 60332-97, IEC 60332-98, IEC 60332-99, IEC 60332-100



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AWG 23/1, 500 MHz, 10 Gbit Ethernet, CAT 6A, Eca, LSZH, CPR class

CAT 6A U/FTP Installation Cable, 500 m, Simplex, Eca



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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