

DIGITUS Cat.6A U/FTP installation cable, 500 m, simplex, B2ca

DK-1626-A-VH-5
EAN 4016032441847



CAT 6A U-FTP installation cable, 500 MHz B2ca (EN 50575), AWG 23/1, 500 m drum,

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 B2ca . 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

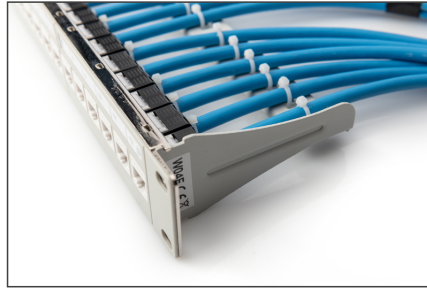
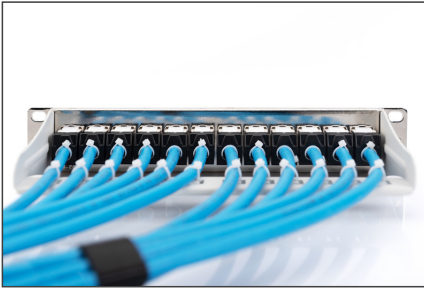
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 56 kg (Eca); 57 kg (Dca); 58 kg (Cca); 58 kg (B2ca)
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 100MHz; 100±25 Ohm @100-500 MHz
- Capacitance: 45 pF/m nominal @ 1 KHz
- Capacitance 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: B2ca
- 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	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	1	-0.16	0.00	0.00	0.00	0.00

More images:



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AWG 23/1, 500 MHz, 10 Gbit Ethernet, CAT 6a, Eca, LSZH, CPRI class

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

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DK-1623-A-VH-S // CAT 6, U/FTP Installation Cable, 500m, Simplex, Eca

Anwendungsbeispiel

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DK-1623-A-VH-S // CAT 6, U/FTP Installation Cable, 500m, Simplex, Eca

Kabelquerschnitt

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Produktdatenblatt Produkt Information

Technische Eigenschaften

Mechanische Eigenschaften

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Leitungsgruppencharakteristiken

Strecke	ATT	NCIT	PS NEXT	ANX	PS NEXT	DL	SENEXT	PS NEXT
1	3.1	0	0	0.3	0.3	0	0	0
10	1.3	0	0.7	0.1	0.1	0	0	0
100	0.7	0	1.1	0.4	0.4	0	0	0
1000	0.4	0	1.6	0.7	0.7	0	0	0

Intertek

ETL Verified Certificate of Compliance Number: 194229903P-011

Approved for use in the United States of America for the following applications: CAT 6 U/FTP Installation Cable

GHMT

Certificate No. 48848-11

Zertifikat No. 48848-11

Category 6e

Category 6e

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EN 50173-3-10, EN 50173-3-11, EN 50173-3-12, EN 50173-3-13, EN 50173-3-14, EN 50173-3-15, EN 50173-3-16, EN 50173-3-17, EN 50173-3-18, EN 50173-3-19, EN 50173-3-20, EN 50173-3-21, EN 50173-3-22, EN 50173-3-23, EN 50173-3-24, EN 50173-3-25, EN 50173-3-26, EN 50173-3-27, EN 50173-3-28, EN 50173-3-29, EN 50173-3-30, EN 50173-3-31, EN 50173-3-32, EN 50173-3-33, EN 50173-3-34, EN 50173-3-35, EN 50173-3-36, EN 50173-3-37, EN 50173-3-38, EN 50173-3-39, EN 50173-3-40, EN 50173-3-41, EN 50173-3-42, EN 50173-3-43, EN 50173-3-44, EN 50173-3-45, EN 50173-3-46, EN 50173-3-47, EN 50173-3-48, EN 50173-3-49, EN 50173-3-50, EN 50173-3-51, EN 50173-3-52, EN 50173-3-53, EN 50173-3-54, EN 50173-3-55, EN 50173-3-56, EN 50173-3-57, EN 50173-3-58, EN 50173-3-59, EN 50173-3-60, EN 50173-3-61, EN 50173-3-62, EN 50173-3-63, EN 50173-3-64, EN 50173-3-65, EN 50173-3-66, EN 50173-3-67, EN 50173-3-68, EN 50173-3-69, EN 50173-3-70, EN 50173-3-71, EN 50173-3-72, EN 50173-3-73, EN 50173-3-74, EN 50173-3-75, EN 50173-3-76, EN 50173-3-77, EN 50173-3-78, EN 50173-3-79, EN 50173-3-80, EN 50173-3-81, EN 50173-3-82, EN 50173-3-83, EN 50173-3-84, EN 50173-3-85, EN 50173-3-86, EN 50173-3-87, EN 50173-3-88, EN 50173-3-89, EN 50173-3-90, EN 50173-3-91, EN 50173-3-92, EN 50173-3-93, EN 50173-3-94, EN 50173-3-95, EN 50173-3-96, EN 50173-3-97, EN 50173-3-98, EN 50173-3-99, EN 50173-3-100



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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