DIGITUS® CAT 6A U/FTP installation cable, 305 m, simplex, Eca

DK-1623-A-VH-305

EAN 4016032344124



CAT 6A U-FTP installation cable, 500 MHz Eca (EN 50575), AWG 23/1, 305 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 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 copper wire, AWG 23/1
- System(s) for the assessment and verification of constancy of performance: System 3
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: Aluminum-laminated polyester film, covers 100%
- Outer sheath: Eca to B2ca in accordance with EN 50575; LSZH
- Outer sheath thickness (nominal): 0.5 mm (Eca); 0.6 mm (Dca); 0.8 mm (Cca); 0.8 mm (B2ca)
- Outer casing color: Light blue (RAL 5012)
- Mechanical properties:
- Strain relief: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +60 °C
- Operating temperature range: -20 °C to +75 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter: 7.0 mm (Eca); 7.2 mm (Dca); 7.6 mm (Cca); 7.6 mm (B2ca)
- Weight (kg/km): 56 kg (Eca); 57 kg (Dca); 58 (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-earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- Loop resistance: 190 Ohm/km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling attenuation: CA-Type 2
- Phase delay: 450 nS/100 m max.
- Time delay: 25 nS/100 m max.
- Separation class: "c" according to EN 50174-2
- NVP: 70%

Attributes

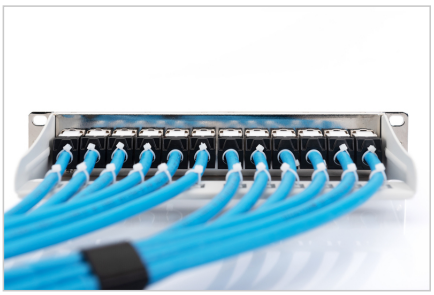
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6A
- Shielding: U-FTP, pairs in metal foil
- CPR: Eca
- Length: 305 m
- Color: light-blue
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics

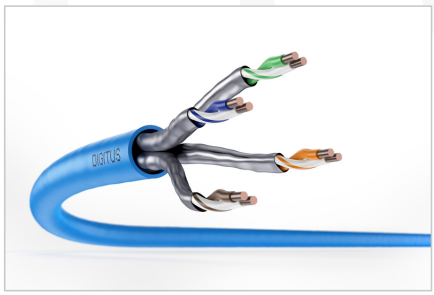
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	14.96	37.00	37.00	22.00	30.12
Packaging Unit Inside	1	14.96	37.00	37.00	22.00	30.12
Packaging Unit Single	1	14.96	37.00	37.00	22.00	30.12
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

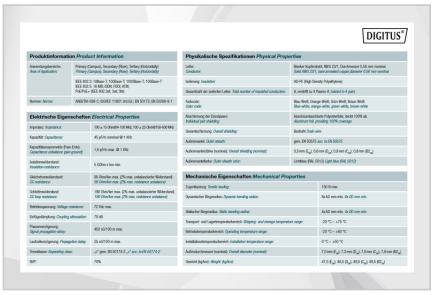
Druckfehler, Irrtümer und technische Änderungen sind vorbehalten. | Printing errors, falsities and technical changes remain reserved.

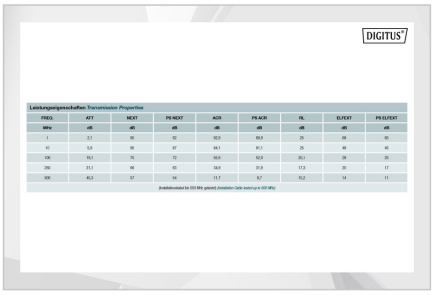
More images:

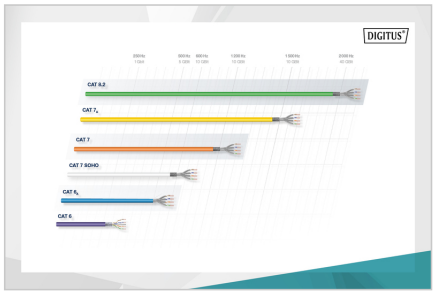












Safety notes

- 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.
- For indoor cables (LSZH jacket): Suitable only for installation in dry indoor environments.
- 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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