

DIGITUS® CAT 6A U/FTP installation cable, 305 m, simplex, B2ca

DK-1626-A-VH-305
EAN 4016032441830



CAT 6A U-FTP installation cable, 500 MHz B2ca (EN 50575), AWG 23/1, 305 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 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 @ 1KHz
- 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

- Asortiman: Instalacijski kabeli s upredenim paricama
- Kategorija: CAT 6A
- Oklop: U-FTP, parovi u metalnoj foliji
- CPR: B2ca
- Duljina: 305 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	1	18.06	37.00	37.00	31.00	42,439.00
Packaging Unit Inside	1	18.06	0.00	0.00	0.00	0.00
Packaging Unit Single	1	18.06	37.00	37.00	31.00	42,439.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:

DIGITUS

FFR Evaluation: B2ca, Cca, Dca, Eca

Bestandteile: Solid hook, Hook, Metal, Gating

Leitungsstruktur (AWG): 1+, 3

Abgleich der conductor-Druck: 1+, 3

Zusatzfunktionen: s1a, d1, a1

Intertek ETL

ETL Verified Certificate of Compliance Number: 1816230020T001

Product Name: CAT 6A U/FTP Installation Cable, 305 m, Simplex, Eca

Product Number: DK-1623-A-VH-305

GHMT

Certificate No. 16664-11

Zertifikat No. 16664-11

Category 6a

Kategorie 6a

DIGITUS

CAT 8, CAT 7, CAT 7 S/SHD, CAT 6, CAT 6A

DIGITUS

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

CAT 6A U/FTP Installation Cable, 305 m, Simplex, Eca

DIGITUS

DK-1623-A-VH-305 // CAT 6, U/FTP Installation Cable, 305 m, Simplex, Eca

Anwendungsbeispiel

DIGITUS

DK-1623-A-VH-305 // CAT 6, U/FTP Installation Cable, 305 m, Simplex, Eca

Kabelquerschnitt

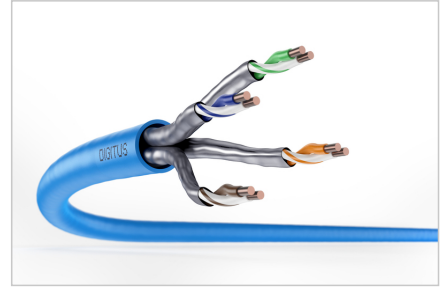
Labels: Außenmantel, Adressierung, Da-Quart, Abschirmung, Paar screen, Adressierte twisted pair

DIGITUS

Produktdaten Produkt Information		Physikalische Spezifikationen Physical Properties	
Produktname	DK-1623-A-VH-305 (305 m, Simplex, Eca)	Material	100% Polyethylene (PE) Jacket
Produkttyp	CAT 6A U/FTP Installation Cable	Leitungsstruktur	3-pair, 23 AWG (0.64 mm) U/FTP
Produktlänge	305 m	Leitungsstruktur	3-pair, 23 AWG (0.64 mm) U/FTP
Produktfarbe	Blue	Leitungsstruktur	3-pair, 23 AWG (0.64 mm) U/FTP
Produktgewicht	~1.5 kg	Leitungsstruktur	3-pair, 23 AWG (0.64 mm) U/FTP
Produktmaterial	100% Polyethylene (PE) Jacket	Leitungsstruktur	3-pair, 23 AWG (0.64 mm) U/FTP
Produktanwendung	Network applications	Leitungsstruktur	3-pair, 23 AWG (0.64 mm) U/FTP
Produktbeschreibung	CAT 6A U/FTP Installation Cable, 305 m, Simplex, Eca	Leitungsstruktur	3-pair, 23 AWG (0.64 mm) U/FTP
Produktanforderungen	Compliance with EN 50384-1, EN 50384-2, EN 50384-3, EN 50384-4, EN 50384-5, EN 50384-6, EN 50384-7, EN 50384-8, EN 50384-9, EN 50384-10, EN 50384-11, EN 50384-12, EN 50384-13, EN 50384-14, EN 50384-15, EN 50384-16, EN 50384-17, EN 50384-18, EN 50384-19, EN 50384-20, EN 50384-21, EN 50384-22, EN 50384-23, EN 50384-24, EN 50384-25, EN 50384-26, EN 50384-27, EN 50384-28, EN 50384-29, EN 50384-30, EN 50384-31, EN 50384-32, EN 50384-33, EN 50384-34, EN 50384-35, EN 50384-36, EN 50384-37, EN 50384-38, EN 50384-39, EN 50384-40, EN 50384-41, EN 50384-42, EN 50384-43, EN 50384-44, EN 50384-45, EN 50384-46, EN 50384-47, EN 50384-48, EN 50384-49, EN 50384-50, EN 50384-51, EN 50384-52, EN 50384-53, EN 50384-54, EN 50384-55, EN 50384-56, EN 50384-57, EN 50384-58, EN 50384-59, EN 50384-60, EN 50384-61, EN 50384-62, EN 50384-63, EN 50384-64, EN 50384-65, EN 50384-66, EN 50384-67, EN 50384-68, EN 50384-69, EN 50384-70, EN 50384-71, EN 50384-72, EN 50384-73, EN 50384-74, EN 50384-75, EN 50384-76, EN 50384-77, EN 50384-78, EN 50384-79, EN 50384-80, EN 50384-81, EN 50384-82, EN 50384-83, EN 50384-84, EN 50384-85, EN 50384-86, EN 50384-87, EN 50384-88, EN 50384-89, EN 50384-90, EN 50384-91, EN 50384-92, EN 50384-93, EN 50384-94, EN 50384-95, EN 50384-96, EN 50384-97, EN 50384-98, EN 50384-99, EN 50384-100		

DIGITUS

Paar	AWG	NEZ	PL MAX	ALN	PL MIN	TL	SL/STL	PL/STPL
1	23	30	30	6.0	6.0	28	28	28
2	23	30	30	6.0	6.0	28	28	28
3	23	30	30	6.0	6.0	28	28	28
4	23	30	30	6.0	6.0	28	28	28
5	23	30	30	6.0	6.0	28	28	28
6	23	30	30	6.0	6.0	28	28	28
7	23	30	30	6.0	6.0	28	28	28
8	23	30	30	6.0	6.0	28	28	28
9	23	30	30	6.0	6.0	28	28	28
10	23	30	30	6.0	6.0	28	28	28
11	23	30	30	6.0	6.0	28	28	28
12	23	30	30	6.0	6.0	28	28	28
13	23	30	30	6.0	6.0	28	28	28
14	23	30	30	6.0	6.0	28	28	28
15	23	30	30	6.0	6.0	28	28	28
16	23	30	30	6.0	6.0	28	28	28
17	23	30	30	6.0	6.0	28	28	28
18	23	30	30	6.0	6.0	28	28	28
19	23	30	30	6.0	6.0	28	28	28
20	23	30	30	6.0	6.0	28	28	28
21	23	30	30	6.0	6.0	28	28	28
22	23	30	30	6.0	6.0	28	28	28
23	23	30	30	6.0	6.0	28	28	28
24	23	30	30	6.0	6.0	28	28	28
25	23	30	30	6.0	6.0	28	28	28
26	23	30	30	6.0	6.0	28	28	28
27	23	30	30	6.0	6.0	28	28	28
28	23	30	30	6.0	6.0	28	28	28
29	23	30	30	6.0	6.0	28	28	28
30	23	30	30	6.0	6.0	28	28	28
31	23	30	30	6.0	6.0	28	28	28
32	23	30	30	6.0	6.0	28	28	28
33	23	30	30	6.0	6.0	28	28	28
34	23	30	30	6.0	6.0	28	28	28
35	23	30	30	6.0	6.0	28	28	28
36	23	30	30	6.0	6.0	28	28	28
37	23	30	30	6.0	6.0	28	28	28
38	23	30	30	6.0	6.0	28	28	28
39	23	30	30	6.0	6.0	28	28	28
40	23	30	30	6.0	6.0	28	28	28
41	23	30	30	6.0	6.0	28	28	28
42	23	30	30	6.0	6.0	28	28	28
43	23	30	30	6.0	6.0	28	28	28
44	23	30	30	6.0	6.0	28	28	28
45	23	30	30	6.0	6.0	28	28	28
46	23	30	30	6.0	6.0	28	28	28
47	23	30	30	6.0	6.0	28	28	28
48	23	30	30	6.0	6.0	28	28	28
49	23	30	30	6.0	6.0	28	28	28
50	23	30	30	6.0	6.0	28	28	28



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.

ASSMANN Electronic GmbH
 Auf dem Schüffel 3
 Lüdenscheid, Germany
<https://www.assmann.com>
info@assmann.com