

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

DK-1616-A-VH-5
EAN 4016032441977



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

DIGITUS® Category 6A U-UTP installation cables are manufactured and tested to the ISO/IEC 11801, TIA/586-C.2 and EN 50173 Category 6A specifications. Every cord consists of 8 color coded AWG 23 polyethylene insulated conductors. The conductors are twisted together to form 4 pairs with varying lay lengths. Printing details along the outer sheath includes the brand name and item code. The cable is packed in a paper pullout box which makes the installation easy.

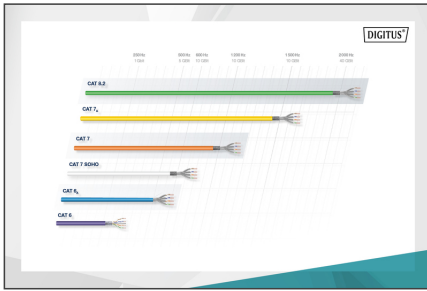
Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare annealed copper, olid AWG 23/1
- Insulation: HD-PE (High Density Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shield: None
- Overall shielding: None
- Outer sheath: Dca to B2ca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0,5 mm (Eca); 0,6 mm (Dca); 1,2 mm (Cca); 1,4 mm (B2ca)
- 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): 7,1 mm (Eca); 7,3 mm (Dca); 7,4 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 53 kg (Eca); 54 kg (Dca); 55 kg (Cca); 56 kg (B2ca)
- Electrical properties:
- Impedance: 100±50hm @ 1 - 600MHz
- Capacitance: 40 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: 147 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: 10 nS/100 m max.
- Separating class: "c" acc. to EN 50174-2
- NVP: 70%
- Category: CAT 6A
- Shielding: U-UTP, unshielded
- 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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CEP System
 Anwendungsbereich: Netzwerke
 Leistungsmerkmal (MST): 1000000 g pro Gramm (100%)
 Aufbau des verketteten Bauelements (MST): 1000000 g pro Gramm (100%)

B2ca 1+
Cca 1+
Dca 3
Eca 3

Standard Cca s1a d1 a1

Produktbeschreibung
 Produktbeschreibung: Produktbeschreibung
 Produktbeschreibung: Produktbeschreibung
 Produktbeschreibung: Produktbeschreibung

Compliance Statement No. 0018-200

intertek

ETL

UL

CE

RoHS

REACH

WEEE

EN 60332-1

EN 60332-3

EN 60754-1

EN 60754-2

EN 60811-10

EN 60811-11

EN 60811-12

EN 60811-13

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EN 60811-100

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Produktinformation Product Information

Physikalische Spezifikationen Physical Properties

Elektrische Eigenschaften Electrical Properties

Mechanische Eigenschaften Mechanical Properties

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Leitungsparameter Transmission Properties

PAIRS	AWG	AWG	MEXT	PL MEXT	AOB	PL AOB	PL	PL EXT	PL EXT EXT
1	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
2	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
3	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
4	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
5	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
6	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
7	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
8	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
9	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
10	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
11	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
12	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
13	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
14	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
15	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
16	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
17	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
18	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
19	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
20	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
21	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
22	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
23	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
24	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
25	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
26	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
27	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
28	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
29	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
30	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
31	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
32	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
33	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
34	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
35	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
36	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
37	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
38	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
39	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
40	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
41	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
42	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
43	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
44	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
45	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
46	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
47	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
48	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
49	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
50	17	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5

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AWG 23/1

500 MHz

10 Gbit Ethernet

CAT 6a

20° to 75°

LSZH

Dca

CFR class

CAT 6A U/UTP Installation Cable, 500m, Simplex, Dca

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DK-1614-A-VHS // CAT 6, U/UTP Installation Cable, 500m, Simplex, Dca

Anwendungsbild

Example of use

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DK-1614-A-VHS // CAT 6, U/UTP Installation Cable, 500m, Simplex, Dca

Kabelquerschnitt

Cable cross section

