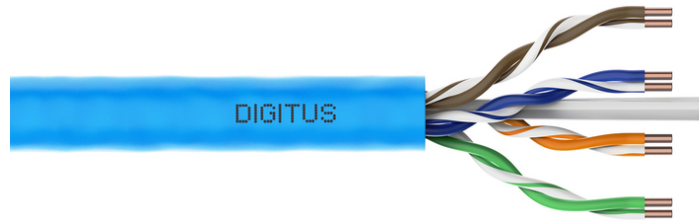


DIGITUS® CAT 6A U/UTP installation cable, 500 m, simplex, Eca

DK-1613-A-VH-5

EAN 4016032344209



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

The Digitus Cat 6A U/UTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-11-1, DIN EN 50173, IEC 60332-1. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE and POE+.

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

- Physical properties:
- Conductor: Bare annealed copper, solid 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: Eca 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

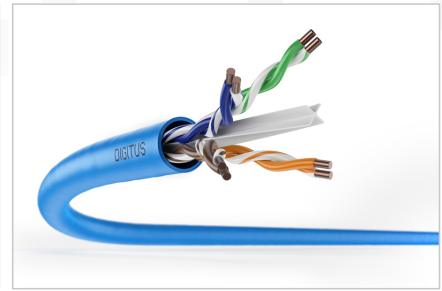
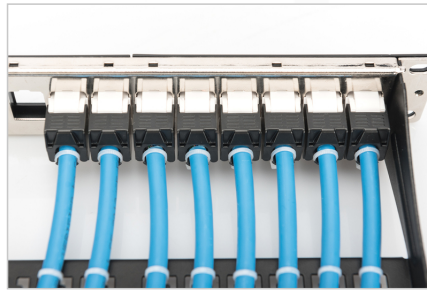
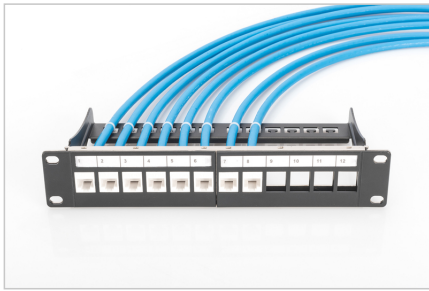
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7,1 mm (Eca); 7,3 mm (Dca); 7,4 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 53 kg (Eca); 54 kg (Dca); 55 kg (Cca); 56 kg (B2ca)
- Electrical properties:
- Impedance: 100±50Ω @ 1 - 600MHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-ground): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GΩm x km min.
- DC loop resistance: 147 Ω/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%

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6A
- Shielding: U-UTP, unshielded
- CPR: Eca
- 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	27.60	50.00	50.00	22.00	55,000.00
Packaging Unit Inside	1	27.60	50.00	50.00	22.00	55,000.00
Packaging Unit Single	1	27.60	50.00	50.00	22.00	55,000.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



DIGITUS

AWG 23/1
500 MHz
10 Gbit Ethernet
CAT 6a
Eca class
207/75°
LSZH
CPL class

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

DIGITUS

DK-1613-A-VH-S // CAT 6a U/UTP Installation Cable, 500m, Simplex, Eca

Anwendungsbeispiel
Example of use

DIGITUS

DK-1613-A-VH-S // CAT 6a U/UTP Installation Cable, 500m, Simplex, Eca

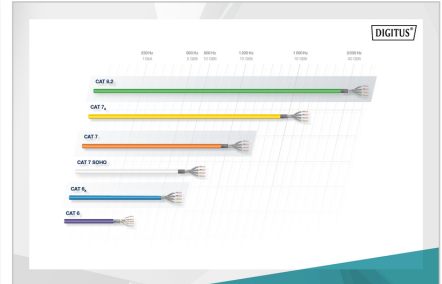
Kabelquerschnitt
Cable cross section

DIGITUS

Produktdaten / Product Information	Physikalische Spezifikationen / Physical Properties
Bestandteile / Components Kabel / Cable Kabel / Cable	Material / Material Kabel / Cable Kabel / Cable
Technische Eigenschaften / Technical Properties Kabel / Cable Kabel / Cable	Mechanische Eigenschaften / Mechanical Properties Kabel / Cable Kabel / Cable

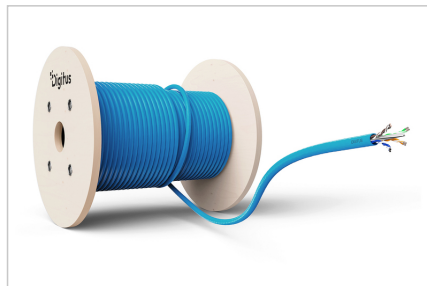
DIGITUS

Leistungsebenen / Power Levels	PS NEXT	ACR	PS crosstalk	AL	SLPWR	PS EMI
1000	45	45	45	45	45	45
100	45	45	45	45	45	45
10	45	45	45	45	45	45
1	45	45	45	45	45	45



DIGITUS

UVP Konformität / UVP Compliance	Bestandteile / Components	Leistungsebenen / Power Levels	Leistungsebenen / Power Levels	Leistungsebenen / Power Levels	Leistungsebenen / Power Levels
B2ca	High	1+	1+	1+	1+
Cca	High	3	3	3	3
Dca	High	3	3	3	3
Eca	High	3	3	3	3



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