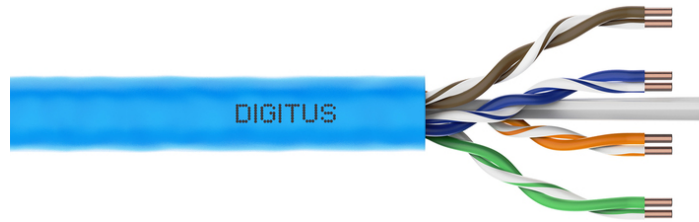


DIGITUS® CAT 6A U/UTP installation cable, 305 m, simplex, Eca

DK-1613-A-VH-305
EAN 4016032344100



CAT 6A U-UTP installation cable, 500 MHz Eca (EN 50575), AWG 23/1, 305 m drum, sx, blue

The Digitus® Cat.6A U/UTP 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 50288-11-1.

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

- Physical properties:
- Conductor: Bare annealed copper, olid AWG 23/1
- System/s of AVCP: AVCP 3
- 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

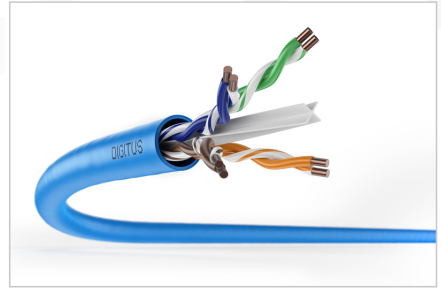
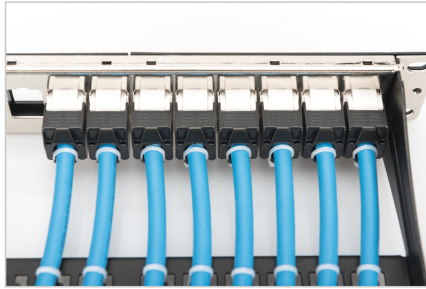
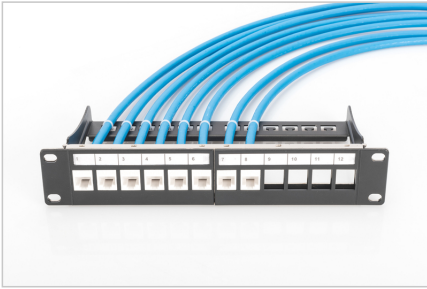
- Operating temperature range: -20 °C up to +75 °C
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7,1 mm (Eca); 7,3 mm (Dca); 7,4 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 53 kg (Eca); 54 kg (Dca); 55 kg (Cca); 56 kg (B2ca)
- Electrical properties:
- Impedance: 100±5Ohm @ 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%

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6A
- Shielding: U-UTP, unshielded
- 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	17.00	39.00	39.00	27.00	41,067.00
Packaging Unit Inside	1	17.00	39.00	39.00	27.00	41,067.00
Packaging Unit Single	1	17.00	39.00	39.00	27.00	41,067.00
Net single without Packaging	1	16.82	39.00	39.00	27.00	41,067.00

More images:



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AWG 23/1
500 MHz
10 Gbit Ethernet
CAT 6a
20°/75°
LSZH
Eca
CPL class

CAT 6a U/UTP Installation Cable, 305 m, Simplex, Eca

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DK-1613-A-VH-305 // CAT 6, U/UTP Installation Cable, 305 m, Simplex, Eca

Anwendungsbeispiel
Example of use

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DK-1613-A-VH-305 // CAT 6, U/UTP Installation Cable, 305 m, Simplex, Eca

Kabelquerschnitt
Cable cross section

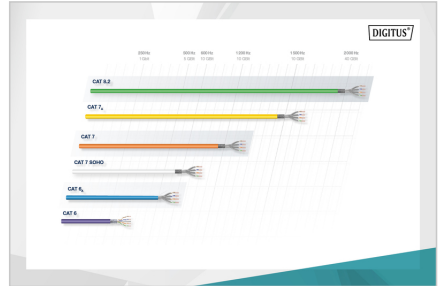
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Produktdaten / Product Information	Physikalische Spezifikationen / Physical Properties
Bestellnummer / Order Number: DK-1613-A-VH-305	Standard: ISO/IEC 61888-1, ISO/IEC 61888-2, ISO/IEC 61888-3, ISO/IEC 61888-4, ISO/IEC 61888-5, ISO/IEC 61888-6, ISO/IEC 61888-7, ISO/IEC 61888-8, ISO/IEC 61888-9, ISO/IEC 61888-10, ISO/IEC 61888-11, ISO/IEC 61888-12, ISO/IEC 61888-13, ISO/IEC 61888-14, ISO/IEC 61888-15, ISO/IEC 61888-16, ISO/IEC 61888-17, ISO/IEC 61888-18, ISO/IEC 61888-19, ISO/IEC 61888-20, ISO/IEC 61888-21, ISO/IEC 61888-22, ISO/IEC 61888-23, ISO/IEC 61888-24, ISO/IEC 61888-25, ISO/IEC 61888-26, ISO/IEC 61888-27, ISO/IEC 61888-28, ISO/IEC 61888-29, ISO/IEC 61888-30, ISO/IEC 61888-31, ISO/IEC 61888-32, ISO/IEC 61888-33, ISO/IEC 61888-34, ISO/IEC 61888-35, ISO/IEC 61888-36, ISO/IEC 61888-37, ISO/IEC 61888-38, ISO/IEC 61888-39, ISO/IEC 61888-40, ISO/IEC 61888-41, ISO/IEC 61888-42, ISO/IEC 61888-43, ISO/IEC 61888-44, ISO/IEC 61888-45, ISO/IEC 61888-46, ISO/IEC 61888-47, ISO/IEC 61888-48, ISO/IEC 61888-49, ISO/IEC 61888-50, ISO/IEC 61888-51, ISO/IEC 61888-52, ISO/IEC 61888-53, ISO/IEC 61888-54, ISO/IEC 61888-55, ISO/IEC 61888-56, ISO/IEC 61888-57, ISO/IEC 61888-58, ISO/IEC 61888-59, ISO/IEC 61888-60, ISO/IEC 61888-61, ISO/IEC 61888-62, ISO/IEC 61888-63, ISO/IEC 61888-64, ISO/IEC 61888-65, ISO/IEC 61888-66, ISO/IEC 61888-67, ISO/IEC 61888-68, ISO/IEC 61888-69, ISO/IEC 61888-70, ISO/IEC 61888-71, ISO/IEC 61888-72, ISO/IEC 61888-73, ISO/IEC 61888-74, ISO/IEC 61888-75, ISO/IEC 61888-76, ISO/IEC 61888-77, ISO/IEC 61888-78, ISO/IEC 61888-79, ISO/IEC 61888-80, ISO/IEC 61888-81, ISO/IEC 61888-82, ISO/IEC 61888-83, ISO/IEC 61888-84, ISO/IEC 61888-85, ISO/IEC 61888-86, ISO/IEC 61888-87, ISO/IEC 61888-88, ISO/IEC 61888-89, ISO/IEC 61888-90, ISO/IEC 61888-91, ISO/IEC 61888-92, ISO/IEC 61888-93, ISO/IEC 61888-94, ISO/IEC 61888-95, ISO/IEC 61888-96, ISO/IEC 61888-97, ISO/IEC 61888-98, ISO/IEC 61888-99, ISO/IEC 61888-100
Bestellnummer / Order Number: DK-1613-A-VH-305	Standard: ISO/IEC 61888-1, ISO/IEC 61888-2, ISO/IEC 61888-3, ISO/IEC 61888-4, ISO/IEC 61888-5, ISO/IEC 61888-6, ISO/IEC 61888-7, ISO/IEC 61888-8, ISO/IEC 61888-9, ISO/IEC 61888-10, ISO/IEC 61888-11, ISO/IEC 61888-12, ISO/IEC 61888-13, ISO/IEC 61888-14, ISO/IEC 61888-15, ISO/IEC 61888-16, ISO/IEC 61888-17, ISO/IEC 61888-18, ISO/IEC 61888-19, ISO/IEC 61888-20, ISO/IEC 61888-21, ISO/IEC 61888-22, ISO/IEC 61888-23, ISO/IEC 61888-24, ISO/IEC 61888-25, ISO/IEC 61888-26, ISO/IEC 61888-27, ISO/IEC 61888-28, ISO/IEC 61888-29, ISO/IEC 61888-30, ISO/IEC 61888-31, ISO/IEC 61888-32, ISO/IEC 61888-33, ISO/IEC 61888-34, ISO/IEC 61888-35, ISO/IEC 61888-36, ISO/IEC 61888-37, ISO/IEC 61888-38, ISO/IEC 61888-39, ISO/IEC 61888-40, ISO/IEC 61888-41, ISO/IEC 61888-42, ISO/IEC 61888-43, ISO/IEC 61888-44, ISO/IEC 61888-45, ISO/IEC 61888-46, ISO/IEC 61888-47, ISO/IEC 61888-48, ISO/IEC 61888-49, ISO/IEC 61888-50, ISO/IEC 61888-51, ISO/IEC 61888-52, ISO/IEC 61888-53, ISO/IEC 61888-54, ISO/IEC 61888-55, ISO/IEC 61888-56, ISO/IEC 61888-57, ISO/IEC 61888-58, ISO/IEC 61888-59, ISO/IEC 61888-60, ISO/IEC 61888-61, ISO/IEC 61888-62, ISO/IEC 61888-63, ISO/IEC 61888-64, ISO/IEC 61888-65, ISO/IEC 61888-66, ISO/IEC 61888-67, ISO/IEC 61888-68, ISO/IEC 61888-69, ISO/IEC 61888-70, ISO/IEC 61888-71, ISO/IEC 61888-72, ISO/IEC 61888-73, ISO/IEC 61888-74, ISO/IEC 61888-75, ISO/IEC 61888-76, ISO/IEC 61888-77, ISO/IEC 61888-78, ISO/IEC 61888-79, ISO/IEC 61888-80, ISO/IEC 61888-81, ISO/IEC 61888-82, ISO/IEC 61888-83, ISO/IEC 61888-84, ISO/IEC 61888-85, ISO/IEC 61888-86, ISO/IEC 61888-87, ISO/IEC 61888-88, ISO/IEC 61888-89, ISO/IEC 61888-90, ISO/IEC 61888-91, ISO/IEC 61888-92, ISO/IEC 61888-93, ISO/IEC 61888-94, ISO/IEC 61888-95, ISO/IEC 61888-96, ISO/IEC 61888-97, ISO/IEC 61888-98, ISO/IEC 61888-99, ISO/IEC 61888-100

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Leistungsmerkmale / Performance Properties

Standard	AWG	PL NEXT	ACR	PL SNR	AL	SLR/PL	PL SNR
100	23	45	45	45	45	45	45
100	23	45	45	45	45	45	45
100	23	45	45	45	45	45	45
100	23	45	45	45	45	45	45
100	23	45	45	45	45	45	45
100	23	45	45	45	45	45	45
100	23	45	45	45	45	45	45
100	23	45	45	45	45	45	45
100	23	45	45	45	45	45	45
100	23	45	45	45	45	45	45



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CEP Konformität / CE Marking

Bestandteile / Components

- B2ca: Silber hoch / Silver high
- Cca: Hoch / High
- Dca: Mittel / Medium
- Eca: Gering / Low

Leistungsmerkmale / Performance Properties

AWG: 23

Standard: ISO/IEC 61888-1, ISO/IEC 61888-2, ISO/IEC 61888-3, ISO/IEC 61888-4, ISO/IEC 61888-5, ISO/IEC 61888-6, ISO/IEC 61888-7, ISO/IEC 61888-8, ISO/IEC 61888-9, ISO/IEC 61888-10, ISO/IEC 61888-11, ISO/IEC 61888-12, ISO/IEC 61888-13, ISO/IEC 61888-14, ISO/IEC 61888-15, ISO/IEC 61888-16, ISO/IEC 61888-17, ISO/IEC 61888-18, ISO/IEC 61888-19, ISO/IEC 61888-20, ISO/IEC 61888-21, ISO/IEC 61888-22, ISO/IEC 61888-23, ISO/IEC 61888-24, ISO/IEC 61888-25, ISO/IEC 61888-26, ISO/IEC 61888-27, ISO/IEC 61888-28, ISO/IEC 61888-29, ISO/IEC 61888-30, ISO/IEC 61888-31, ISO/IEC 61888-32, ISO/IEC 61888-33, ISO/IEC 61888-34, ISO/IEC 61888-35, ISO/IEC 61888-36, ISO/IEC 61888-37, ISO/IEC 61888-38, ISO/IEC 61888-39, ISO/IEC 61888-40, ISO/IEC 61888-41, ISO/IEC 61888-42, ISO/IEC 61888-43, ISO/IEC 61888-44, ISO/IEC 61888-45, ISO/IEC 61888-46, ISO/IEC 61888-47, ISO/IEC 61888-48, ISO/IEC 61888-49, ISO/IEC 61888-50, ISO/IEC 61888-51, ISO/IEC 61888-52, ISO/IEC 61888-53, ISO/IEC 61888-54, ISO/IEC 61888-55, ISO/IEC 61888-56, ISO/IEC 61888-57, ISO/IEC 61888-58, ISO/IEC 61888-59, ISO/IEC 61888-60, ISO/IEC 61888-61, ISO/IEC 61888-62, ISO/IEC 61888-63, ISO/IEC 61888-64, ISO/IEC 61888-65, ISO/IEC 61888-66, ISO/IEC 61888-67, ISO/IEC 61888-68, ISO/IEC 61888-69, ISO/IEC 61888-70, ISO/IEC 61888-71, ISO/IEC 61888-72, ISO/IEC 61888-73, ISO/IEC 61888-74, ISO/IEC 61888-75, ISO/IEC 61888-76, ISO/IEC 61888-77, ISO/IEC 61888-78, ISO/IEC 61888-79, ISO/IEC 61888-80, ISO/IEC 61888-81, ISO/IEC 61888-82, ISO/IEC 61888-83, ISO/IEC 61888-84, ISO/IEC 61888-85, ISO/IEC 61888-86, ISO/IEC 61888-87, ISO/IEC 61888-88, ISO/IEC 61888-89, ISO/IEC 61888-90, ISO/IEC 61888-91, ISO/IEC 61888-92, ISO/IEC 61888-93, ISO/IEC 61888-94, ISO/IEC 61888-95, ISO/IEC 61888-96, ISO/IEC 61888-97, ISO/IEC 61888-98, ISO/IEC 61888-99, ISO/IEC 61888-100

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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