

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

DK-1613-VH-305

EAN 4016032324553



CAT 6 U-UTP installation cable, 250 MHz Eca (EN 50575), AWG 23/1, 305 m paper box, sx, pu

The Digitus Cat 6 U/UTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-6-1, 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 copper wire, AWG 23/1
- Insulation: HD-PE (High Density Polyethylene)
- 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: None
- Overall shielding: None
- Outer sheath: Eca to B2ca in accordance with EN 50575; LSZH
- Outer sheath thickness nominal): 0.5 mm (Eca); 0.6 mm (Dca); 1.0 mm (Cca); 1.0 mm (B2ca)
- Outer casing color: Violet (RAL 4005)
- 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 simplex (nominal): 6.1 mm (Eca); 6.3 mm (Dca); 6.8 mm (Cca); 6.8 mm (B2ca)
- Weight (kg/km): 41 kg (Eca); 42 kg (Dca); 44 kg (Cca); 44 kg (B2ca)
- Electrical properties:
- Impedance: 100±5Ohm @ 1 - 250MHz
- Capacitance: 40 pF/m nominal @ 800 Hz
- Capacitance unbalance (pair-earth): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- Loop resistance: 147 Ohm/km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling attenuation: CA-Type 3
- Phase delay: 535 nS/100 m max.
- Time delay: 20 nS/100 m max.
- Isolation class: "b" according to EN 50174-2
- NVP: 69%

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Eca
- Length: 305 m
- Color: violet
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	24	295.20	45.00	44.50	25.00	50,062.50
Packaging Unit Inside	1	12.30	45.00	44.50	25.00	50,062.50
Packaging Unit Single	1	12.30	45.00	44.50	25.00	50,062.50
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



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AWG 23/1 | 250 MHz | 1 Gbit Ethernet | CAT 6 | 20°/75° | LSZH | Eca class

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

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

Anwendungsbeispiel
Example of use

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Kabelquerschnitt
Cable cross section

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Produktinformationen / Product Information	Physikalische Spezifikationen / Physical Properties
Produktname: CAT 6 U/UTP Installation Cable, 305m, Simplex, Eca	Material: Polyethylene (PE) / Polypropylene (PP)
Produktcode: DK-1613-VH-305	Farbe: Purple
Produktbeschreibung: CAT 6 U/UTP Installation Cable, 305m, Simplex, Eca	Lebensdauer: 10 years
Produkttyp: CAT 6 U/UTP Installation Cable	Temperaturbereich: -40°C to 75°C
Produktmaterial: Polyethylene (PE) / Polypropylene (PP)	Flammverhalten: LSZH (Low Smoke Zero Halogen)
Produktgewicht: 1.5 kg	Flammklasse: Eca
Produktlänge: 305 m	Flammklasse: Eca
Produktbreite: 12.5 mm	Flammklasse: Eca
Produkthöhe: 12.5 mm	Flammklasse: Eca
Produkttiefe: 12.5 mm	Flammklasse: Eca
Produktvolumen: 0.000375 m³	Flammklasse: Eca
Produktgewicht pro Meter: 5 g/m	Flammklasse: Eca
Produktgewicht pro Quadratmeter: 0.000375 kg/m²	Flammklasse: Eca
Produktgewicht pro Kubikmeter: 0.000375 kg/m³	Flammklasse: Eca
Produktgewicht pro Liter: 0.000375 kg/l	Flammklasse: Eca
Produktgewicht pro Kubikzentimeter: 0.000375 kg/cm³	Flammklasse: Eca
Produktgewicht pro Quadratmeter: 0.000375 kg/m²	Flammklasse: Eca
Produktgewicht pro Kubikmeter: 0.000375 kg/m³	Flammklasse: Eca
Produktgewicht pro Liter: 0.000375 kg/l	Flammklasse: Eca
Produktgewicht pro Kubikzentimeter: 0.000375 kg/cm³	Flammklasse: Eca

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Leistungsmerkmale / Performance Characteristics

Standard	AWG	Pair							
ISO/IEC 11801 Class E	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class F	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class G	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class H	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class I	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class J	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class K	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class L	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class M	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class N	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class O	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class P	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class Q	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class R	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class S	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class T	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class U	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class V	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class W	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class X	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class Y	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class Z	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AA	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AB	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AC	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AD	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AE	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AF	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AG	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AH	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AI	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AJ	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AK	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AL	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AM	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AN	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AO	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AP	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AQ	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AR	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AS	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AT	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AU	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AV	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AW	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AX	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AY	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class AZ	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BA	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BB	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BC	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BD	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BE	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BF	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BG	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BH	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BI	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BJ	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BK	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BL	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BM	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BN	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BO	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BP	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BQ	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BR	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BS	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BT	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BU	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BV	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BW	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BX	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BY	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class BZ	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CA	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CB	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CC	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CD	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CE	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CF	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CG	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CH	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CI	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CJ	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CK	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CL	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CM	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CN	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CO	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CP	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CQ	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CR	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CS	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CT	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CU	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CV	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CW	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CX	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CY	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class CZ	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DA	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DB	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DC	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DD	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DE	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DF	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DG	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DH	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DI	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DJ	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DK	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DL	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DM	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DN	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DO	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DP	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DQ	23	1	2	3	4	5	6	7	8
ISO/IEC 11801 Class DR	23	1	2						