

DIGITUS® CAT 5e U/UTP data cable - installation cable, 305 m, simplex, Eca

DK-1511-V-305-1

EAN 4016032363811



CAT 5e U-UTP installation cable, 100 MHz Eca (PVC), AWG 24/1, 305 m paper box, sx, grey

The Digitus Cat 5e U/UTP installation cable is suitable for use in structured data centers and building cabling in accordance with ISO/IEC 11801, DIN EN 50288-3-1, DIN EN 50173. The cable is excellent for the transmission of analog and digital data and supports POE. It offers reliable transmission quality for standard applications.

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

- Physical properties:
- Conductor: Bare copper wire, AWG 24/1
- Insulation: PE (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 according to EN 50575; PVC
- Outer sheath thickness (nominal): 0.50 mm nominal
- Outer casing color: Grey (RAL 7035)
- 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 +75 °C

- Operating temperature range: -20 °C to +60 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter simplex (nominal): 4.7 mm nominal
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-600 MHz
- 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 5e
- Shielding: U-UTP, unshielded
- CPR: Eca
- Length: 305 m
- Color: grey
- Jacket: PVC
- Structure: 4 x 2 AWG 24/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	9.12	35.00	35.00	20.00	24.50
Packaging Unit Inside	1	9.12	35.00	35.00	20.00	24.50
Packaging Unit Single	1	9.12	35.00	35.00	20.00	24.50
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



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CEP System
 Die produktive
 Lösung für alle Netzwerke

Strukturierung
 Die produktive
 Lösung für alle Netzwerke

Leistungsfähigkeit (MHz)
 Lösung für alle Netzwerke

Adaptivität an verschiedene Netzwerke
 Lösung für alle Netzwerke

Erweiterbarkeit
 Lösung für alle Netzwerke

Flexibilität
 Lösung für alle Netzwerke

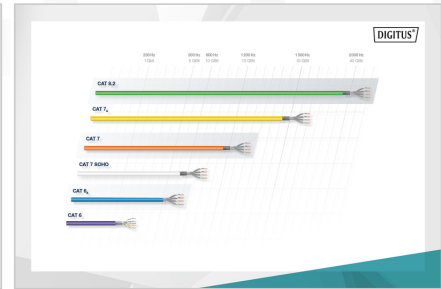
Skalierbarkeit
 Lösung für alle Netzwerke

Robustheit
 Lösung für alle Netzwerke

Lebensdauer
 Lösung für alle Netzwerke

Umweltfreundlichkeit
 Lösung für alle Netzwerke

CEP System
 Cca s1a d1 a1



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Leistungseigenschaften Transmission Properties

PAIRS	UTP	MMT	PM-MMT	STP	STP-4	PL	PL-4	PL-4C	PL-4D
1	2	40.2	40.1	40.2	40.2	17	16.8	17.2	17.2
10	11	41.1	41.1	41.1	41.1	18	18	18	18
20	12	41.9	41.9	41.9	41.9	19	19	19	19
30	14	42.3	42.3	42.3	42.3	19.2	19.2	19.4	19.4
100	17	43.1	43.1	43.1	43.1	19.5	19.5	19.6	19.6
180	20	43.5	43.5	43.5	43.5	19.5	19.5	19.6	19.6

Referenzwerte für 100 MHz gemäß EN 50384-2-2:2015

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Produktinformationen Product Information

Hersteller	Digitus (Shenzhen) Co., Ltd.	Modell	DK-1511-V-305-1
Partnummer	DK-1511-V-305-1	Material	Plastik
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Physikalische Spezifikationen Physical Properties

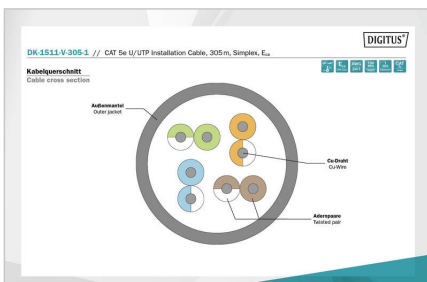
Lebensdauer	10 Jahre	Temperaturbereich	-20°C bis +70°C
Lebensdauer	10 Jahre	Temperaturbereich	-20°C bis +70°C

Elektrische Eigenschaften Electrical Properties

Lebensdauer	10 Jahre	Temperaturbereich	-20°C bis +70°C
Lebensdauer	10 Jahre	Temperaturbereich	-20°C bis +70°C

Mechanische Eigenschaften Mechanical Properties

Lebensdauer	10 Jahre	Temperaturbereich	-20°C bis +70°C
Lebensdauer	10 Jahre	Temperaturbereich	-20°C bis +70°C

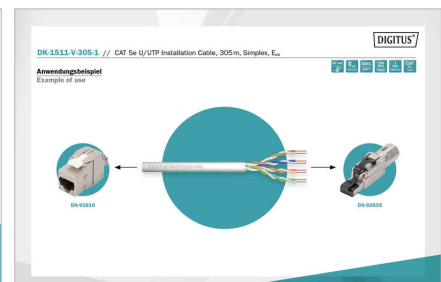


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100 MHz
 1 Gbit Ethernet
 AWG 24/1

CAT 5e
 20°/140°
 Eca
 CPE class

CAT 5e U/UTP Installation Cable, 305m, Simplex, Eca



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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