

DIGITUS® CAT 5e U/UTP data cable - installation cable, 100 m, simplex, Eca

DK-1511-V-1-1

EAN 4016032363804



CAT 5e U-UTP installation cable, 100 MHz Eca (PVC), AWG 24/1, 100 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
- 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: 100 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	2.50	12.00	23.00	23.00	6,348.00
Packaging Unit Inside	1	2.50	12.00	23.00	24.00	6,624.00
Packaging Unit Single	1	2.50	12.00	23.00	223.00	61,548.00
Net single without Packaging	1	2.50	0.00	0.00	0.00	0.00

More images:



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CPR System
 Brandenklasse
 Brandverhalten
 Brandklasse
 Brandverhalten
 Brandklasse

B2ca **Cca** **Dca** **Eca**

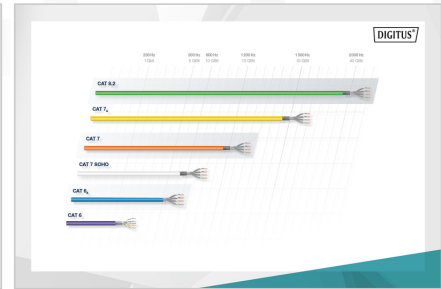
1+ **3**

s1a **d1** **a1**

S **d** **a**

Erklärung der verschiedenen Bezeichnungen:

- S** - Feuerbeständigkeit
- d** - Rauchdichte
- a** - Abgaseigenschaften



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ETL Verifies Certificate of Conformance Number: 16115261CR10014

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Leitungsparameter / Transmission Properties

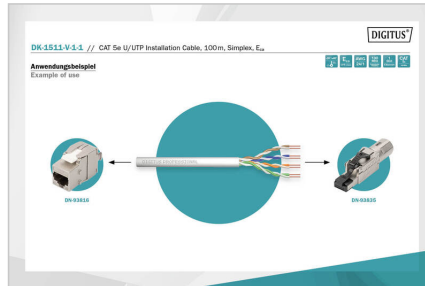
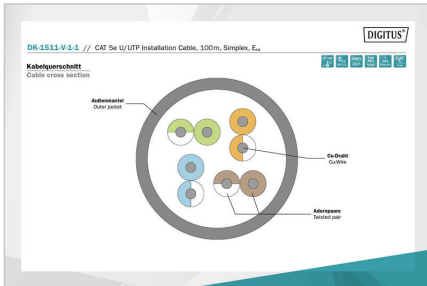
PAIRS	UTP	MMT	PM-MMT	STP	MMT	PM-MMT	STP	MMT	PM-MMT	STP
1	2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2
2	4	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2
4	8	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2
8	16	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2
16	32	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2	42,2

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Produktinformation / Product Information

Physikalische Spezifikationen / Physical Properties

Parameter	Value	Parameter	Value
Leitungstyp	UTP	Leitung	100 MHz Cat 5e UTP
Leitungsdauer	100 m	Leitung	100 m
Leitungsdauer	100 m	Leitung	100 m



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CAT 5e U/UTP Installation Cable, 100 m, Simplex, Eca

100 MHz
1 Gbit Ethernet
AWG 24/1
CAT 5e
20° / +60°
Eca
CPR class



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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