

# 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	2.60	12.00	23.00	24.00	6.62
Packaging Unit Inside	1	2.60	12.00	23.00	24.00	6.62
Packaging Unit Single	1	2.60	12.00	23.00	24.00	6.62
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



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**CPR** Systeme  
 Systeme für die Installation von Datenkabeln

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

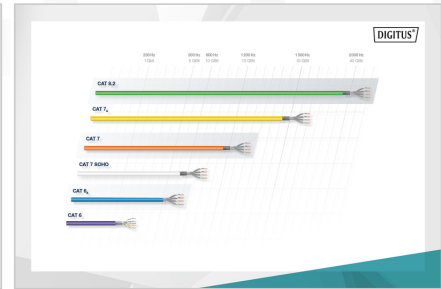
**1+** **3**

**s1a** **d1** **a1**

**S** **d** **a**

**Erklärung der verschiedenen Bezeichnungen:**

- S** - Systeme für die Installation von Datenkabeln
- d** - Systeme für die Installation von Datenkabeln
- a** - Systeme für die Installation von Datenkabeln



**Intertek**

**EUTL** Verifies Certificate of Conformance Number: 16115261CR1016

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**Leitungsparameter / Transmission Properties**

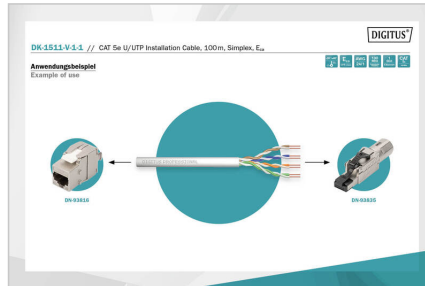
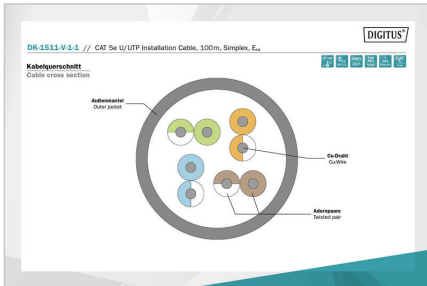
PAIRS	UTP	MMT	PM-MMT	MM	MM	PM-MM	MM	MM	PM-MM
1	2	0,2	0,3	0,2	0,2	0,2	0,2	0,2	0,2
10	10	0,3	0,4	0,3	0,3	0,3	0,3	0,3	0,3
20	12	0,4	0,5	0,4	0,4	0,4	0,4	0,4	0,4
30	14	0,5	0,6	0,5	0,5	0,5	0,5	0,5	0,5
100	12	0,6	0,7	0,6	0,6	0,6	0,6	0,6	0,6
100	20	0,7	0,8	0,7	0,7	0,7	0,7	0,7	0,7

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**Produktinformation / Product Information**

**Physikalische Spezifikationen / Physical Properties**

Parameter	Value	Parameter	Value
Hersteller	ASSMANN Electronic GmbH	Hersteller	ASSMANN Electronic GmbH
Produktname	DK-1511-V-5-1 // CAT 5e U/UTP Installation Cable, 100m, Simplex, Eca	Produktname	DK-1511-V-5-1 // CAT 5e U/UTP Installation Cable, 100m, Simplex, Eca
Material	100% Kupfer	Material	100% Kupfer
Leitungsparameter	100 MHz	Leitungsparameter	100 MHz
Leitungsparameter	100 MHz	Leitungsparameter	100 MHz



**DIGITUS**

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

**CAT 5e U/UTP Installation Cable, 100 m, 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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