

# DIGITUS Cat.5e U/UTP 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 U7UTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-2-1, DIN EN 50173. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE. The shielding structure is composed of single shielded pairs with a tinned copper braid, which ensures excellent shielding and electrical values.

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 24/1
- Insulation: PE (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 acc. to EN 50575; PVC
- Outer sheath diameter (nominal): 0.50 mm nominal
- Outer sheath color: Grey (RAL 7035)
- 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 +75 °C

- Operating temperature range: -20 °C up to +60 °C
- Installation temperature range: 0 °C up to +50 °C
- Overall 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-ground): 1.5 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 3
- Signal propagation delay: 535 nS/100 m max.
- Propagation delay: 20 nS/100 m max.
- Separating class: „b“ acc. to EN 50174-2
- NVP: 69%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 5e
- Shielding: U-UTP, unshielded
- CPR: Eca
- Length: 305 m
- Color: grey
- Jacket: PVC
- Jacket: PVC
- Structure: 4 x 2 AWG 24/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	1	9.12	35.00	35.00	20.00	24,500.00
Packaging Unit Inside	1	9.12	35.00	35.00	20.00	24,500.00
Packaging Unit Single	1	9.12	35.00	35.00	20.00	24,500.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



**DIGITUS**

**CPR Symbol**  
 Die produktions-  
 Leuchtzeichen (Licht) sind  
 Adressen der verschiedenen  
 Produkt- und Leistungs-  
 Eigenschaften

**B2ca** Gefährlich  
 Very high

**Cca** Hoch  
 High

**Dca** Mittel  
 Medium

**Eca** Gering  
 Low

**1+**

**3**

**1+** • Einmalige  
 • Einmalige  
 • Einmalige

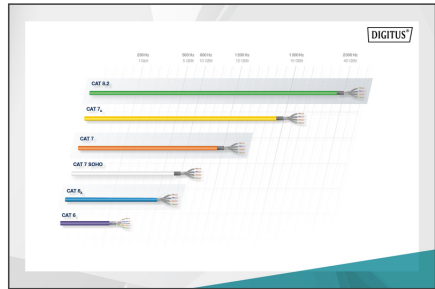
**3** • Typischerweise  
 • Typischerweise  
 • Typischerweise

**S** • Produkt  
 • Produkt  
 • Produkt

**d** • Produkt  
 • Produkt  
 • Produkt

**a** • Produkt  
 • Produkt  
 • Produkt

**Beispiel**  
 Cca s1a d1 a1



**Intertek**

**ETL Verified Certificate of Conformance Number: 1011880107 0114**

**Intertek**

ETL Verified Certificate of Conformance Number: 1011880107 0114

Intertek is a leading provider of product testing and certification services for manufacturers and consumers worldwide. Our services include product testing, certification, and compliance services for a wide range of products and industries.

Intertek is a leading provider of product testing and certification services for manufacturers and consumers worldwide. Our services include product testing, certification, and compliance services for a wide range of products and industries.

**DIGITUS**

**Leitungsparameter Transmission Properties**

PAIRS	UTP	STP	MMT	PM-MMT	SC	SCS	PL-SCS	PL	PL-SCS	PL-SCS
1	2	2	2	2	2	2	2	2	2	2
2	4	4	4	4	4	4	4	4	4	4
3	6	6	6	6	6	6	6	6	6	6
4	8	8	8	8	8	8	8	8	8	8
5	10	10	10	10	10	10	10	10	10	10
6	12	12	12	12	12	12	12	12	12	12
7	14	14	14	14	14	14	14	14	14	14
8	16	16	16	16	16	16	16	16	16	16
9	18	18	18	18	18	18	18	18	18	18
10	20	20	20	20	20	20	20	20	20	20

Beispielwerte für 100 MHz gemäß IEC 60603-7-100 MHz

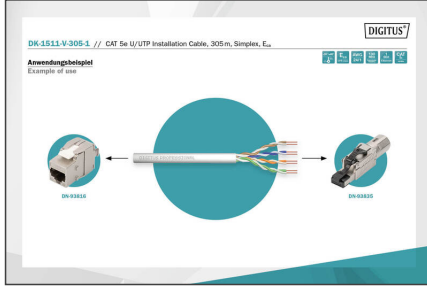
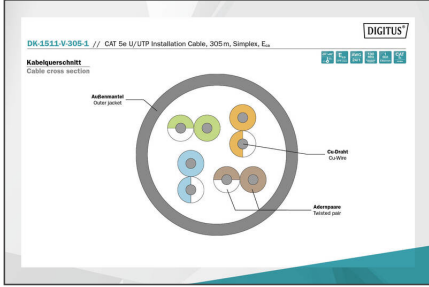
**DIGITUS**

**Produktinformation Product Information**

Bezeichnung Part Number	DK-1511-V-305-1 // CAT 5e U/UTP Installation Cable, 305m, Simplex, Eca	Teilenummer Part Number	DK-1511-V-305-1 // CAT 5e U/UTP Installation Cable, 305m, Simplex, Eca
Hersteller Manufacturer	DIGITUS	Hersteller Manufacturer	DIGITUS
Material Material	PVC	Material Material	PVC
Farbe Color	Orange	Farbe Color	Orange
Abmessungen Dimensions	1000 x 100 x 100 mm	Abmessungen Dimensions	1000 x 100 x 100 mm

**Technische Spezifikationen Physical Properties**

Leitungsparameter Transmission Properties	100 MHz	Leitungsparameter Transmission Properties	100 MHz
Leitungsparameter Transmission Properties	100 MHz	Leitungsparameter Transmission Properties	100 MHz
Leitungsparameter Transmission Properties	100 MHz	Leitungsparameter Transmission Properties	100 MHz



**DIGITUS**

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

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

