

# 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
- 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	9.10	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	9.12	0.00	0.00	0.00	0.00

More images:



**DIGITUS**

100 MHz  
1 Cat  
Ethernet  
AWG 24/1  
CAT 5e  
20/140  
Eca  
CFR class

**CAT 5e U/UTP Installation Cable, 305 m, Simplex, E<sub>ca</sub>**

**DIGITUS**

DK-1511-V-305-1 // CAT 5e U/UTP Installation Cable, 305 m, Simplex, E<sub>ca</sub>

Anwendungsbeispiel  
Example of use

**DIGITUS**

DK-1511-V-305-1 // CAT 5e U/UTP Installation Cable, 305 m, Simplex, E<sub>ca</sub>

Kabelquerschnitt  
Cable cross section

Aufbauweise  
Build-up

Cu-Draht  
Cu-Wire

Alufolie  
Aluminum foil

**DIGITUS**

Produktdaten Product Information		Physikalische Spezifikationen Physical Properties	
Artikelnummer Part Number	DK-1511-V-305-1	Umfang Length	305 m / 1000 ft
Hersteller Manufacturer	Digitus	Material Material	Cu-Draht, Alufolie, PVC
Produkttyp Product Type	Installation Cable	Temperaturbereich Temperature Range	-20°C to +70°C
Norm Norm	ISO/IEC 11801, EN 50173, EN 50173-1, EN 50173-2, EN 50173-3, EN 50173-4, EN 50173-5, EN 50173-6, EN 50173-7, EN 50173-8, EN 50173-9, EN 50173-10, EN 50173-11, EN 50173-12, EN 50173-13, EN 50173-14, EN 50173-15, EN 50173-16, EN 50173-17, EN 50173-18, EN 50173-19, EN 50173-20, EN 50173-21, EN 50173-22, EN 50173-23, EN 50173-24, EN 50173-25, EN 50173-26, EN 50173-27, EN 50173-28, EN 50173-29, EN 50173-30, EN 50173-31, EN 50173-32, EN 50173-33, EN 50173-34, EN 50173-35, EN 50173-36, EN 50173-37, EN 50173-38, EN 50173-39, EN 50173-40, EN 50173-41, EN 50173-42, EN 50173-43, EN 50173-44, EN 50173-45, EN 50173-46, EN 50173-47, EN 50173-48, EN 50173-49, EN 50173-50, EN 50173-51, EN 50173-52, EN 50173-53, EN 50173-54, EN 50173-55, EN 50173-56, EN 50173-57, EN 50173-58, EN 50173-59, EN 50173-60, EN 50173-61, EN 50173-62, EN 50173-63, EN 50173-64, EN 50173-65, EN 50173-66, EN 50173-67, EN 50173-68, EN 50173-69, EN 50173-70, EN 50173-71, EN 50173-72, EN 50173-73, EN 50173-74, EN 50173-75, EN 50173-76, EN 50173-77, EN 50173-78, EN 50173-79, EN 50173-80, EN 50173-81, EN 50173-82, EN 50173-83, EN 50173-84, EN 50173-85, EN 50173-86, EN 50173-87, EN 50173-88, EN 50173-89, EN 50173-90, EN 50173-91, EN 50173-92, EN 50173-93, EN 50173-94, EN 50173-95, EN 50173-96, EN 50173-97, EN 50173-98, EN 50173-99, EN 50173-100		

**DIGITUS**

Leitungsparameter Transmission Properties

PROG	PTT	NEZ	PE-NEZ	ACH	PE-ACH	IL	RL	RE-RL	PE-RE-RL
1	2	0,3	0,3	0,3	0,3	17	0,9	1,9	
10	10	0,3	0,3	0,3	0,3	20	0,9	1,9	
20	10	0,3	0,3	0,3	0,3	20	0,9	1,9	
30	10	0,3	0,3	0,3	0,3	20	0,9	1,9	
40	10	0,3	0,3	0,3	0,3	20	0,9	1,9	

Induktionswert 100 MHz pro Meter (Induktion über einen 100 MHz)

Intertek

ETL Verified Certificate of Conformance Number: 1011888247-0114

Intertek

ETL Verified Certificate of Conformance Number: 1011888247-0114

Hersteller: Digitus

Produkt: CAT 5e U/UTP Installation Cable

Standort: Digitus

Intertek

**DIGITUS**

**DIGITUS**

CFR System

Bestandteile: B2ca, Cca, Dca, Eca

Leitungsparameter (AWG) (Rating / Performance level): 1+

Abgleich der Leitungsparameter (Pair to Pair Compatibility): 3

Zusätzliche Eigenschaften (Additional Properties): s, d, a

Bestandteile: Cca, sta, d1, a1

