

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 ³
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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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_{ca}

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Anwendungsbeispiel
Example of use

DK-1511S DK-1511S

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Kabelquerschnitt
Cable cross section

Aufbauweise
Build-up

Cu-Drht
Cu-Wire

Alufolie
Shielding foil

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Produktdatenblatt Product Information

Artikelnummer Part number	DK-1511-V-305-1	Umsatzpreis Sales price	0,00 €
Produktbeschreibung Product description	100 MHz, 1 Cat, Ethernet, AWG 24/1	Bestellnummer Order number	DK-1511-V-305-1
Abmessungen Dimensions	305 m, Simplex, E _{ca}	Material Material	Alu-Drht
Hersteller Manufacturer	DIGITUS	Verpackung Packaging	1000 Stück

Elektrische Eigenschaften Electrical Properties

Leitfähigkeit Conductivity	> 10 ⁷ S/m	Isolationswiderstand Insulation resistance	> 10 ¹² Ω
Leitungsdiagonal Conductor diagonal	0,40 mm	Leitungsquerschnitt Conductor cross-section	0,08 mm ²
Leitungsstärke Conductor thickness	0,125 mm	Leitungsanzahl Number of conductors	4

Mechanische Eigenschaften Mechanical Properties

Drehmoment Torque	0,1 Nm	Bruchkraft Breaking force	10 N
Bruchdehnung Elongation at break	10%	Bruchzeit Time to break	10 s

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Leistungsparameter Transmission Properties

Modus	100	200	300	400	500	600	700	800	900
Att [dB]	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Att [dB/100m]	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1

Standardisierte Werte (normierte Werte) sind in Klammern angegeben.

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ETL Verified Certificate of Conformance Number: 10112880247-0114

Intertek

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CFR System

Bestandteile
Components

Leistungsfähigkeit (ANSI)
Capacity / Performance class

Anzahl der verflochten Leiter
Number of twisted pairs

Zertifizierung
Certification

CFR System
B2ca
Cca
Dca
Eca

Bestandteile
Components

Leistungsfähigkeit (ANSI)
Capacity / Performance class

Anzahl der verflochten Leiter
Number of twisted pairs

Zertifizierung
Certification

CFR System
s1a
d1
a1

