

# DIGITUS Cat.5e U/UTP 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 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
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shielding: 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: 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	6,624.00
Packaging Unit Inside	1	2.60	12.00	23.00	24.00	6,624.00
Packaging Unit Single	1	2.60	12.00	23.00	24.00	6,624.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:

DIGITUS	
<b>Produktbeschreibung / Product Description</b>	<b>Physikalische Spezifikationen / Physical Properties</b>
<p>Produktname: CAT 5e U/UTP Installation Cable, 100m, Simplex, E<sub>ca</sub></p> <p>Hersteller: Digitus Technology Inc., Taiwan</p> <p>Teilenummer: CAT 5E U/UTP 100M 24AWG 100M 24AWG</p> <p>Material: PVC Jacket, 24 AWG, 100m Length</p>	<p>Material: PVC Jacket, 24 AWG, 100m Length</p> <p>Shielding: Unshielded</p> <p>Conductor: 24 AWG, 100m Length</p> <p>Temperature Range: -20°C to +70°C</p> <p>Humidity: 10% to 90% RH</p>
<b>Technische Eigenschaften / Technical Properties</b>	<b>Mechanische Eigenschaften / Mechanical Properties</b>
<p>Shielding: Unshielded</p> <p>Conductor: 24 AWG, 100m Length</p> <p>Temperature Range: -20°C to +70°C</p> <p>Humidity: 10% to 90% RH</p>	<p>Shielding: Unshielded</p> <p>Conductor: 24 AWG, 100m Length</p> <p>Temperature Range: -20°C to +70°C</p> <p>Humidity: 10% to 90% RH</p>

Intertek ETL Verified Certificate of Conformance Number: 141158430R0104

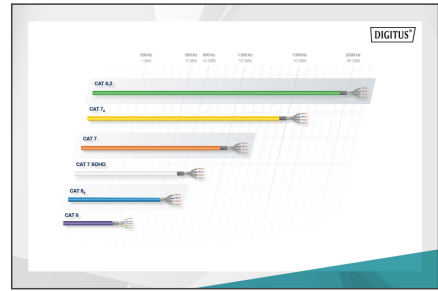
Product Name: CAT 5e U/UTP Installation Cable, 100m, Simplex, E<sub>ca</sub>

Model Number: CAT 5E U/UTP 100M 24AWG 100M 24AWG

Manufacturer: Digitus Technology Inc., Taiwan

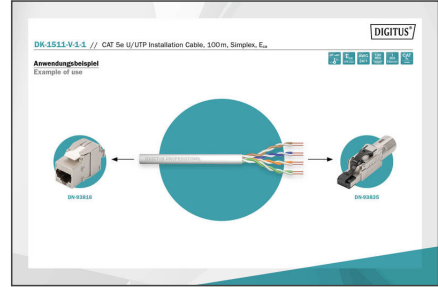
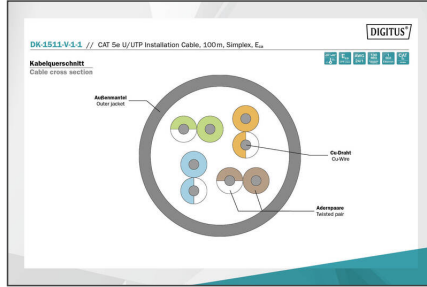
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AWG	Shielding	Conductor	Temperature Range	Humidity
B2 <sub>ca</sub>	Shield braid	1+	-20°C to +70°C	10% to 90% RH
C <sub>ca</sub>	Braid	3	-20°C to +70°C	10% to 90% RH
D <sub>ca</sub>	None	3	-20°C to +70°C	10% to 90% RH
E <sub>ca</sub>	None	3	-20°C to +70°C	10% to 90% RH

Material: PVC Jacket, 24 AWG, 100m Length



100 MHz  
1 Gbit Ethernet  
AWG 24/1  
CAT 5e  
20°/+60°  
E<sub>ca</sub> CPE class

CAT 5e U/UTP Installation Cable, 100m, Simplex, E<sub>ca</sub>

AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG
24	24	24	24	24	24	24	24	24
24	24	24	24	24	24	24	24	24
24	24	24	24	24	24	24	24	24
24	24	24	24	24	24	24	24	24
24	24	24	24	24	24	24	24	24
24	24	24	24	24	24	24	24	24
24	24	24	24	24	24	24	24	24
24	24	24	24	24	24	24	24	24
24	24	24	24	24	24	24	24	24
24	24	24	24	24	24	24	24	24

