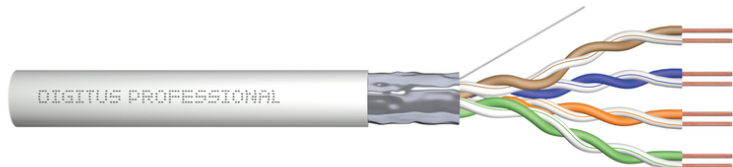


DIGITUS Cat.5e F/UTP installation cable, 305 m, Eca

DK-1521-V-305
EAN 4016032241126



CAT 5e F-UTP installation cable, 100 MHz Eca (PVC), AWG 24/1, 305 m paper box, sx, grey

The Digitus® Cat.5e F/UTP installation cable is characterized by the following cable construction 4x2x AWG23/1 and reaches a transmission frequency up to 100 MHz. The PVC cable jacket is conform to the CPR Euro class Eca. The cable is suitable for building structured cabling in the secondary and tertiary area. Compliant with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-2-1.

Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 24/1
- System/s of AVCP: AVCP 3
- 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 shielding: None
- Overall shielding: Foil shielded, drain wire
- Overall sheath: Eca acc. to EN 50575; PVC
- Outer sheath diameter (nominal): 0.55 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): 6.1 mm nominal
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-100 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: F-UTP, foil shielding
- 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)	cm³
Packaging Unit Carton	2	27.00	43.00	43.00	25.00	46,225.00
Packaging Unit Inside	1	13.50	21.00	40.00	42.00	35,280.00
Packaging Unit Single	1	13.50	21.00	40.00	42.00	35,280.00
Net single without Packaging	1	11.33	41.00	40.00	18.00	0.00

More images:



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100 MHz
1 Cat
AWG 24/1

CAT 5e
20/140°
Eca
CFR class

CAT 5e F/UTP Installation Cable, 305 m, Simplex, E_{ca}

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DK-1521-V-305 // CAT 5e F/UTP Installation Cable, 305 m, Simplex, E_{ca}

Anwendungsbeispiel
Example of use

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DK-1521-V-305 // CAT 5e F/UTP Installation Cable, 305 m, Simplex, E_{ca}

Kabelquerschnitt
Cable cross section

Aufbaumaterial
Outer jacket

Isoliermaterial
Insulation

Cu-Draht
Cu-Wire

Adhäsions-
Schicht
Adhesive layer

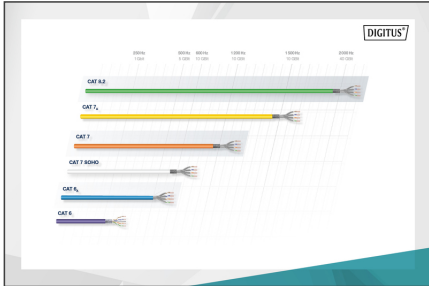
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Produktdaten Product Information		Physikalische Spezifikationen Physical Properties	
Artikelnummer Part Number	DK-1521-V-305	Umfang Length	305 m
Hersteller Manufacturer	DIGITUS	Material Material	PVC
Produkttyp Product Type	Installation Cable	Temperaturbereich Temperature Range	-20°C to +70°C
Norm Norm	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		

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Leitungsparameter Transmission Properties

PROZ.	MIT	MIT	PE-MIT	ACH	PE-ACH	IL	RUFEST	PE-RUFEST
100	98	98	98	98	98	98	98	98
10	12	12	12	12	12	12	12	12
1	1	1	1	1	1	1	1	1
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001



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CFR-Bestimmung Best determination	Bestimmtheitsbereich Range of validity	Leitungsparameter (AVP) Linearity of performance (AVP)	Adaptation an conference table Table of the number of legs	Bestimmungskategorie Assessment category
B _{2ca}	100 MHz	1+	Typischerweise 100 MHz	S
C _{ca}	100 MHz	3	Typischerweise 100 MHz	d
D _{ca}	100 MHz	3	Typischerweise 100 MHz	a
E _{ca}	100 MHz	3	Typischerweise 100 MHz	a

