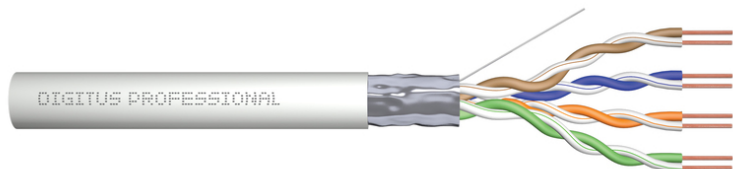


DIGITUS Cat.5e F/UTP installation cable, 305 m, Eca

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	0	11.33	41.00	40.00	18.00	29,520.00

More images:



DIGITUS

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}

DIGITUS

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

Anwendungsbeispiel
Example of use

DIGITUS

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

Kabelquerschnitt
Cable cross section

Aufwendigster Leiter jacket
Inwendigste Leiter inner shield
Cu-Draht Cu-Wire
Mikroperle conduct core

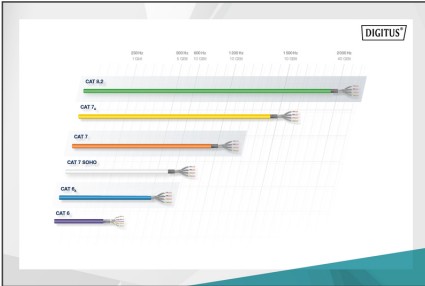
DIGITUS

Produktdaten Product Information		Physikalische Spezifikationen Physical Properties	
Artikelnummer Part Number	DK-1521-V-305	Umfang Length	305 m / 1000 ft
Hersteller Manufacturer	DIGITUS	Material Material	PVC
Produkttyp Product Type	Installation Cable	Shielding Shielding	None
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	Technische Spezifikationen Technical Properties	<p>Leitfähigkeit Conductivity</p> <p>Temperatur Temperature</p> <p>Bestandteile Components</p>

DIGITUS

Leitungsparameter Transmission Properties

PROG	UTP	STP	PL-UTP	ACS	PL-ACS	SL	PL-STP	PL-PL-UTP
100	100	100	100	100	100	100	100	100
15	15	15	15	15	15	15	15	15
20	20	20	20	20	20	20	20	20
25	25	25	25	25	25	25	25	25
30	30	30	30	30	30	30	30	30
35	35	35	35	35	35	35	35	35
40	40	40	40	40	40	40	40	40
45	45	45	45	45	45	45	45	45
50	50	50	50	50	50	50	50	50
55	55	55	55	55	55	55	55	55
60	60	60	60	60	60	60	60	60
65	65	65	65	65	65	65	65	65
70	70	70	70	70	70	70	70	70
75	75	75	75	75	75	75	75	75
80	80	80	80	80	80	80	80	80
85	85	85	85	85	85	85	85	85
90	90	90	90	90	90	90	90	90
95	95	95	95	95	95	95	95	95
100	100	100	100	100	100	100	100	100



DIGITUS

CFR-Bestimmung Best determination	Bestimmtheitsklasse Classification class	Leitungsparameter (AVP) Linearity of performance (AVP)	Adaptation an conference table Table of the number line	Bestimmungskategorie Assessment category
B _{2ca}	Bestimmtheitsklasse Very high	1+	Typisierung Typical specification	S
C _{ca}	Bestimmtheitsklasse High	3	Typisierung Typical specification	d
D _{ca}	Bestimmtheitsklasse Medium	3	Typisierung Typical specification	a
E _{ca}	Bestimmtheitsklasse Low	3	Typisierung Typical specification	a

Bestimmtheitsklasse: C_{ca}, s1a, d1, a1

