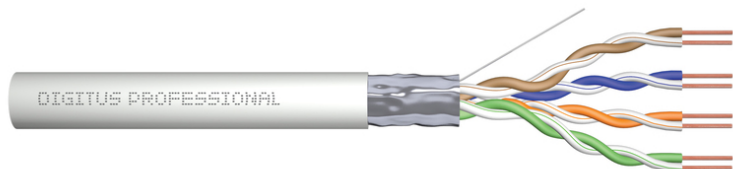


DIGITUS Cat.5e F/UTP installation cable, 100 m, simplex, Eca

DK-1521-V-1
EAN 4016032241119



CAT 5e F-UTP installation cable, 100 MHz Eca (PVC), AWG 24/1, 100 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 copper wire, AWG 24/1
- System(s) for the assessment and verification of constancy of performance: System 3
- Insulation: PE (polyethylene)
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: None
- Overall shielding: foil shield, twin wire
- Outer sheath: Eca according to EN 50575; PVC
- Outer sheath thickness (nominal): 0.55 mm nominal
- Outer casing color: Grey (RAL 7035)
- Mechanical properties:
- Strain relief: 150N max.
- Dynamic bending radius: 8x AD mm min.

- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +75 °C
- Operating temperature range: -20 °C to +60 °C
- Installation temperature range: 0 °C to +50 °C
- Outer 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-earth): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- Loop resistance: 147 Ohm/km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling attenuation: CA-Type 3
- Phase delay: 535 nS/100 m max.
- Time delay: 20 nS/100 m max.
- Isolation class: "b" according to EN 50174-2
- NVP: 69%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 5e
- Shielding: F-UTP, foil shielding
- 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)	cm ³
Packaging Unit Carton	4	16.00	40.00	30.00	30.00	36,000.00
Packaging Unit Inside	1	4.00	30.00	30.00	10.00	9,000.00
Packaging Unit Single	1	4.00	30.00	30.00	10.00	9,000.00
Net single without Packaging	1	0.00	30.00	30.00	10.00	9,000.00

More images:



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

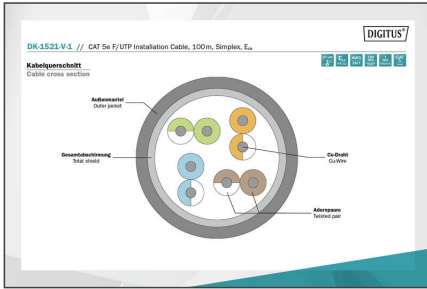
CAT 5e F/UTP Installation Cable, 100m, Simplex, E_{ca}

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DK-1521-V3 // CAT 5e F/UTP Installation Cable, 100m, Simplex, E_{ca}

Anwendungsbeispiel
Example of use

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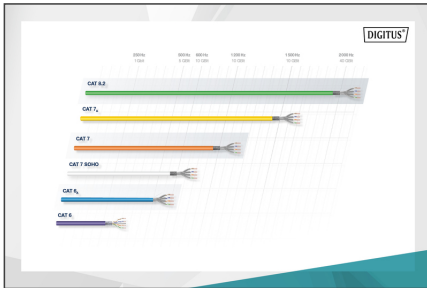


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Produktdatenblatt Product Information		Physikalische Spezifikationen Physical Properties	
Artikelnummer Part Number	DK-1521-V3	Umlänge Circumference	100m
Hersteller Hersteller	Digitus	Umlänge (ohne Verzierung) Circumference (without decoration)	99m
Material Material	Polyester	Umlänge (ohne Verzierung) Circumference (without decoration)	99m
Farbe Color	White	Umlänge (ohne Verzierung) Circumference (without decoration)	99m
Umlänge (ohne Verzierung) Circumference (without decoration)	99m	Umlänge (ohne Verzierung) Circumference (without decoration)	99m
Umlänge (ohne Verzierung) Circumference (without decoration)	99m	Umlänge (ohne Verzierung) Circumference (without decoration)	99m

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Leitungsparameter Transmission Properties									
FRQS	MT	MT2	PL2MT	ACS	PLACS	IL	RUFEXT	PLRUFEXT	
100	48	48	48	48	48	48	48	48	48
15	42	42	42	42	42	42	42	42	42
20	41	41	41	41	41	41	41	41	41
100	41	41	41	41	41	41	41	41	41



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Cat	Shielding	Velocity of propagation (PVC)	Adaptation to conditions (dry)	Shielding (dB)
B2ca	None	1+	1	0
Cca	Mesh	3	3	15
Dca	Aluminum	3	3	20
Eca	Coating	3	3	25

Shielding: Cca, s1a, d1, a1

