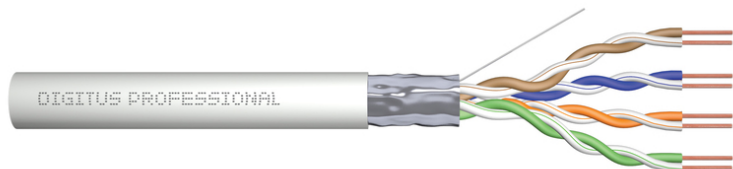


DIGITUS Cat.5e F/UTP installation cable, 100 m, simplex, Eca

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 annealed copper, solid AWG 24/1
- Insulation: PE
- 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: 100 m
- Color: grey
- 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	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:



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CFR System
 Die geschlossene
 Drahtstruktur

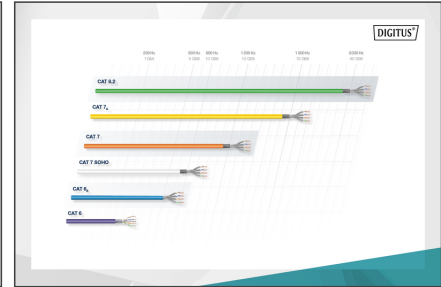
Leitungsstruktur (AWG)
 1+ 3

Adaptieren des verbleibenden Stabes
 1+ 3

Zusammenfassung
 Produktanforderungen

B₂ca **C_{ca}** **D_{ca}** **E_{ca}**

Hersteller **C_{ca}** **s1a** **d1** **a1**



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Leitungsstrukturen Transmission Properties

PROG.	JIT	NEST	PK-NEST	MIN	PK-CA	PL	DK-NEST	PK-DK-NEST
10	13	16	19	22	25	28	31	34
20	24	28	32	36	40	44	48	52
30	36	42	48	54	60	66	72	78
40	48	56	64	72	80	88	96	104
50	60	70	80	90	100	110	120	130
60	72	84	96	108	120	132	144	156
70	84	99	114	129	144	159	174	189
80	96	114	132	150	168	186	204	222
90	108	128	148	168	188	208	228	248
100	120	142	164	186	208	230	252	274
110	132	156	180	204	228	252	276	300
120	144	168	192	216	240	264	288	312
130	156	182	208	234	260	286	312	338
140	168	196	224	252	280	308	336	364
150	180	210	240	270	300	330	360	390
160	192	222	252	282	312	342	372	402
170	204	234	264	294	324	354	384	414
180	216	246	276	306	336	366	396	426
190	228	258	288	318	348	378	408	438
200	240	270	300	330	360	390	420	450

Beispielwerte für 100m geschlossene Drahtstruktur (AWG)

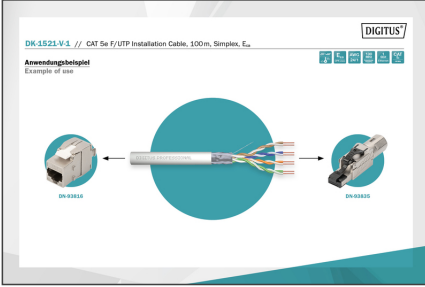
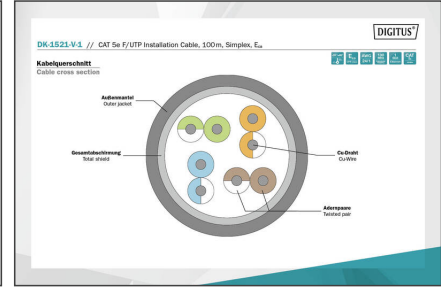
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Produktinformation Product Information

Physikalische Spezifikationen Physical Properties

Elektrische Eigenschaften Electrical Properties

Mechanische Eigenschaften Mechanical Properties



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

100 MHz
 1 Gbit Ethernet
 AWG 24/1
 CAT 5e
 20°/+60°
 E_{ca} CFR class

