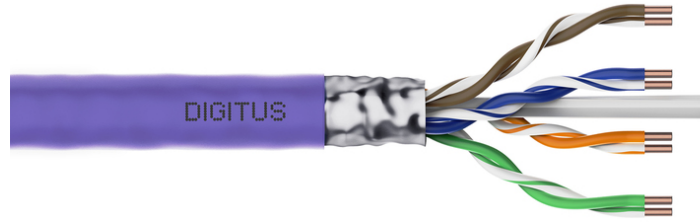


DIGITUS® CAT 6 F/UTP installation cable, 100 m, simplex, Cca

DK-1625-VH-1

EAN 4016032442011



CAT 6 F-UTP installation cable, 250 MHz Cca (EN 50575), AWG 23/1, 100 m paper box,

The Digitus Cat 6 F/UTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-5-1, DIN EN 50173, IEC 60332-1. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE and POE+.

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

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- System/s of AVCP: AVCP 3
- Insulation: HD-PE (High Density Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shield: None
- Overall shielding: Aluminum foil, providing 100% coverage, drain wire
- Outer sheath: Eca to B2ca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0.5 mm (Eca); 0,6 mm (Dca); 0,8 mm (Cca); 0,08 mm (B2ca)
- Outer sheath color: Purple
- 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 +60 °C
- Operating temperature range: -20 °C up to +75 °C

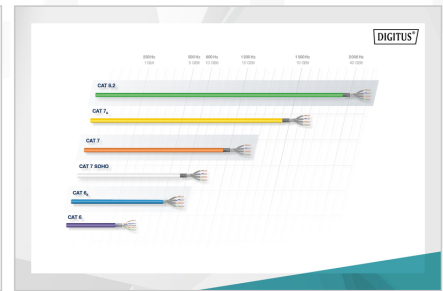
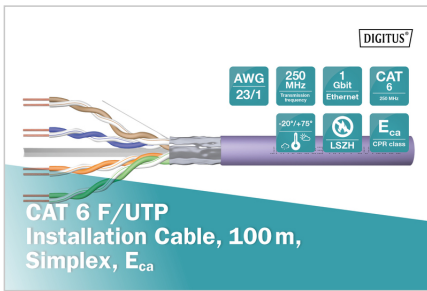
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 46 kg (Eca); 47 kg (Dca); 48,5 kg (Cca); 48,5 kg (B2ca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-250 MHz
- Capacitance: 45 pF/m nominal @ 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: 40 dB
- Signal propagation delay: 535 nS/100 m max.
- Propagation delay: 20 nS/100 m max.
- Separating class: „c” acc. to EN 50174-2
- NVP: 69%

Attributes

- Asortiman: Instalacijski kabeli s upredenim paricama
- Kategorija: CAT 6
- Oklop: F-UTP, oklop od folije
- CPR: Cca
- Duljina: 100 m
- Boja: ljubičasti
- Kapica: LSOH
- Struktura: 4 x 2 AWG 23/1, kruto upletena parica

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



Leitungsgruppen Transmissions Properties

PAIRS	WT	NET	PL NET	AWR	PL AWR	PL	PL NET	PL NET
1	2.1	7.2	7.2	7.2	8.2	20	18	18
2	1.8	8.0	8.0	8.0	8.8	20	18	18
3	1.5	8.8	8.8	8.8	9.6	20	18	18
4	1.2	9.6	9.6	9.6	10.4	20	18	18
5	1.0	10.4	10.4	10.4	11.2	20	18	18
6	0.8	11.2	11.2	11.2	12.0	20	18	18
7	0.6	12.0	12.0	12.0	12.8	20	18	18
8	0.4	12.8	12.8	12.8	13.6	20	18	18

Reference to IEC 60331-31-10 (2017) and IEC 60331-31-10 (2017)

Produktinformation Product Information

Produktname	Produktbeschreibung	Produkttyp	Produktcode
DK-1623-VH-1	CAT 6 F/UTP Installation Cable, 100 m, Simplex, Eca	Cable	DK-1623-VH-1

Physikalische Spezifikationen Physical Properties

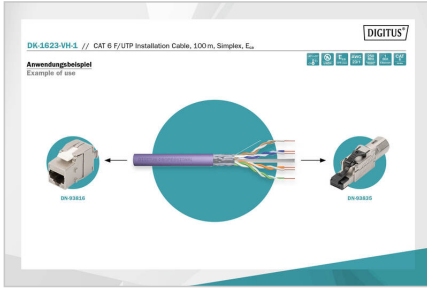
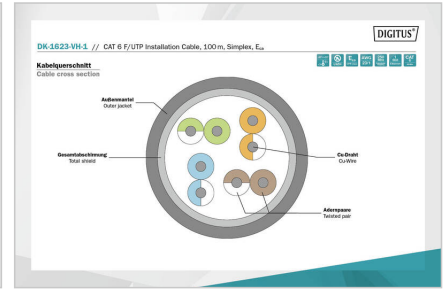
Parameter	Value	Unit
Outer Diameter	10.0	mm
Inner Diameter	7.5	mm
Shielding	Braided Shield	
Conductor Material	Copper	
Insulation Material	PVC	

Elektrische Eigenschaften Electrical Properties

Parameter	Value	Unit
Frequency	250	MHz
Attenuation	1.5	dB/100m
Return Loss	15	dB

Mechanische Eigenschaften Mechanical Properties

Parameter	Value	Unit
Temperature Range	-20 to 75	°C
Bend Radius	100	mm
Tensile Strength	100	N

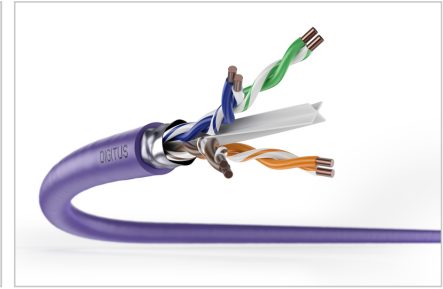


CE Konformität

Standard	Compliance
CE	Compliant
RoHS	Compliant

CE Markierung

CE, RoHS, REACH, LF, LFCE, LFCE-REACH, LFCE-REACH-ROHS



Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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