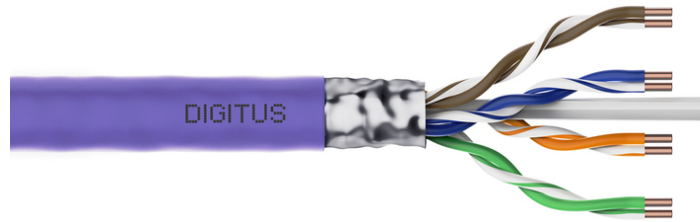


DIGITUS® CAT 6 F/UTP installation cable, 100 m, simplex, Dca

DK-1624-VH-1

EAN 4016032441984



CAT 6 F-UTP installation cable, 250 MHz Dca (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

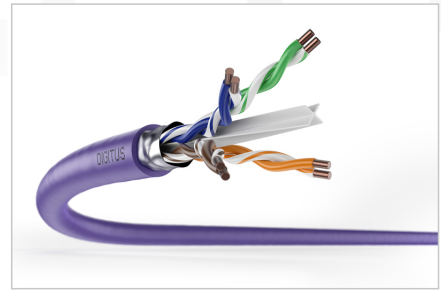
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 46 kg (Eca); 47 kg (Dca); 48,5 kg (Cca); 48,5 kg (B2ca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-250 MHz
- Capacitance: 45 pF/m nominal @ 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

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: F-UTP, foil shielding
- CPR: Dca
- Length: 100 m
- Color: violet
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

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:



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AWG 23/1
250 MHz
1 Gbit Ethernet
CAT 6
20°/75°
LSZH
E_{ca} CPN class

CAT 6 F/UTP Installation Cable, 100 m, Simplex, E_{ca}

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DK-1623-VH-1 // CAT 6 F/UTP Installation Cable, 100 m, Simplex, E_{ca}

Anwendungsbeispiel
Example of use

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Kabelquerschnitt
Cable cross section

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Produktdaten / Product Information	Physikalische Spezifikationen / Physical Properties
Bestandteile / Components: 100m CAT 6 F/UTP Installation Cable, 100m, Simplex, E _{ca} 100m CAT 6 F/UTP Installation Cable, 100m, Simplex, E _{ca} 100m CAT 6 F/UTP Installation Cable, 100m, Simplex, E _{ca}	Material: Polyethylene (PE) Color: Purple Length: 100m Weight: 1.2kg Temperature range: -40°C to +75°C Flammretardant: LSZH Conductor type: Solid Shielding: None Stranding: None Conductor diameter: 0.12mm Insulation diameter: 0.25mm Overall diameter: 10.5mm

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Leistungsmerkmale / Transmission Properties

10BASE-T	100BASE-TX	1000BASE-T	10GBASE-T
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100
100	100	100	100

Intertek

ETL Verified Certificate of Conformance Number: 1615281007-0010

Model: CAT 6 F/UTP Installation Cable, 100m, Simplex, E_{ca}

Model Name: CAT 6 F/UTP Installation Cable, 100m, Simplex, E_{ca}

Model Number: 1615281007-0010

Model Description: CAT 6 F/UTP Installation Cable, 100m, Simplex, E_{ca}

Model Part Number: 1615281007-0010

Model Part Name: CAT 6 F/UTP Installation Cable, 100m, Simplex, E_{ca}

Model Part Description: CAT 6 F/UTP Installation Cable, 100m, Simplex, E_{ca}

Model Part Name: CAT 6 F/UTP Installation Cable, 100m, Simplex, E_{ca}

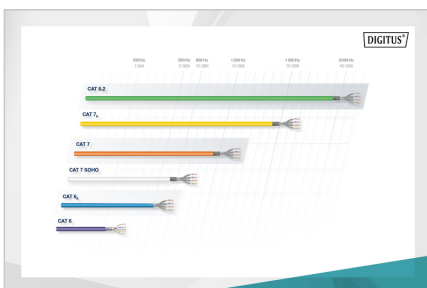
Model Part Description: CAT 6 F/UTP Installation Cable, 100m, Simplex, E_{ca}

Model Part Name: CAT 6 F/UTP Installation Cable, 100m, Simplex, E_{ca}

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CEP-Bestimmungen / CE Marking Requirements

Druckdruckverfahren / Printing Process

Leistungsmerkmale / Transmission Properties

1+

3

CE, s1a, d1, a1



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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