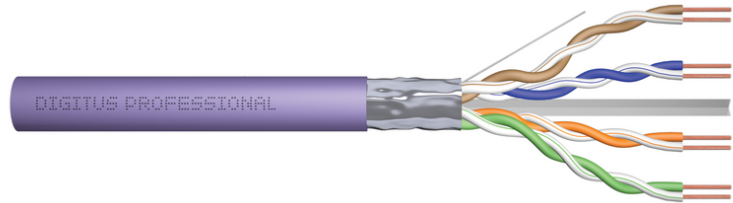


DIGITUS Cat.6 F/UTP installation cable, 100 m, simplex, Dca

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

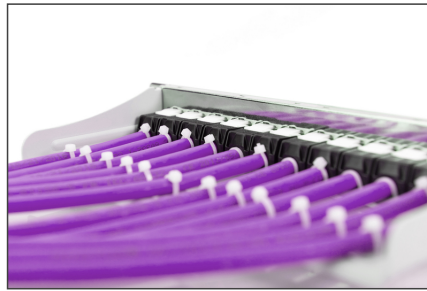
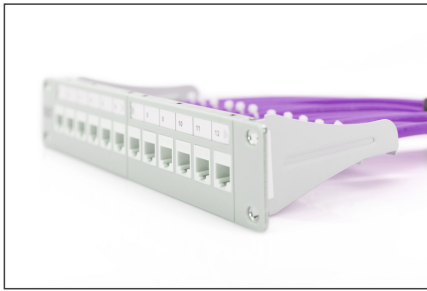
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 46 kg (Eca); 47 kg (Dca); 48,5 kg (Cca); 48,5 kg (B2ca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-250 MHz
- Capacitance: 45 pF/m nominal @ 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	1	-0.30	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° / 1.75" 6 LSZH CPR class Eca

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}

Anwendungsbild Example of use

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

Kabelquerschnitt Cable cross section

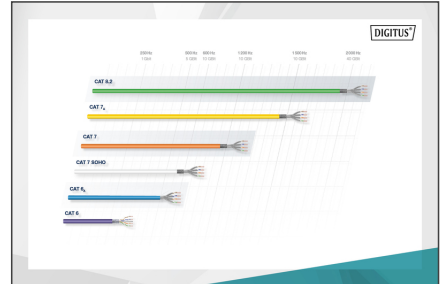
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Produktdaten Product Information		Physikalische Spezifikationen Physical Properties	
Bezeichnung Name	DK-1623-VH-1 // CAT 6 F/UTP Installation Cable, 100 m, Simplex, E _{ca}	Leiter Conductor	Bezugssystem Reference system
Artikelnummer Part No.	DK-1623-VH-1	Leitungsbauweise Cable structure	E _{ca}
Hersteller Manufacturer	ASSMANN Electronic GmbH	Leitungsdauer Cable length	100 m
Produktionsland Country of origin	China	Leitungsdauer in Fuß Cable length in feet	328.084
Material Material	LSZH	Leitungsdauer in Yards Cable length in yards	109.745
Werkstoff Substance	PVC	Leitungsdauer in Meter Cable length in meter	100.000
Lebensdauer Lifetime	10 Jahre	Leitungsdauer in Kilometer Cable length in kilometer	0.100000
Verpackung Packaging	100 m	Leitungsdauer in Meilen Cable length in mile	0.0621371
Verpackungseinheit Packaging unit	100 m		
Verpackungsgröße Packaging dimensions	100 m		
Verpackungsmaterial Packaging material	PVC		
Verpackungsart Packaging type	100 m		
Verpackungsgröße Packaging dimensions	100 m		
Verpackungsmaterial Packaging material	PVC		
Verpackungsart Packaging type	100 m		
Verpackungsgröße Packaging dimensions	100 m		
Verpackungsmaterial Packaging material	PVC		
Verpackungsart Packaging type	100 m		
Verpackungsgröße Packaging dimensions	100 m		
Verpackungsmaterial Packaging material	PVC		
Verpackungsart Packaging type	100 m		
Verpackungsgröße Packaging dimensions	100 m		

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AWG	AWG	MAXI	PK-MAXI	AG	PK-AG	PL	PK-PL	EL	PK-EL
24	24	24	24	24	24	24	24	24	24
22	22	22	22	22	22	22	22	22	22
20	20	20	20	20	20	20	20	20	20
18	18	18	18	18	18	18	18	18	18
16	16	16	16	16	16	16	16	16	16
14	14	14	14	14	14	14	14	14	14

ETL Verifier Certificate of Conformance
 Model: CAT 6
 Part No: 16110288-021-010
 Date of Issue: 05/12/2014



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AWG	AWG	MAXI	PK-MAXI	AG	PK-AG	PL	PK-PL	EL	PK-EL
24	24	24	24	24	24	24	24	24	24
22	22	22	22	22	22	22	22	22	22
20	20	20	20	20	20	20	20	20	20
18	18	18	18	18	18	18	18	18	18
16	16	16	16	16	16	16	16	16	16
14	14	14	14	14	14	14	14	14	14



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.

ASSMANN Electronic GmbH
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