

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

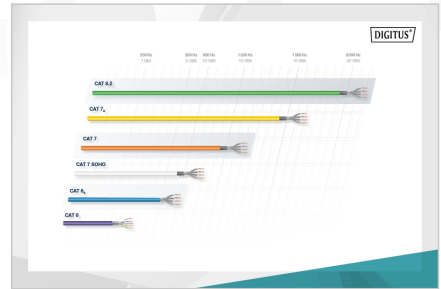
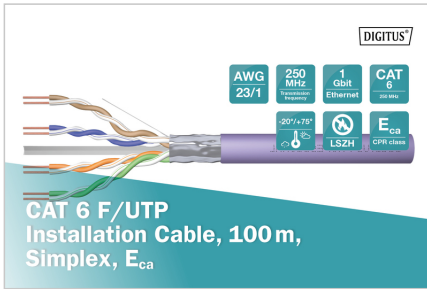
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 46 kg (Eca); 47 kg (Dca); 48,5 kg (Cca); 48,5 kg (B2ca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-250 MHz
- Capacitance: 45 pF/m nominal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

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

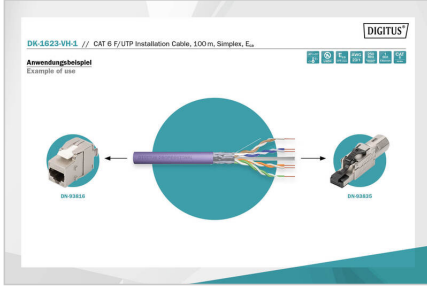
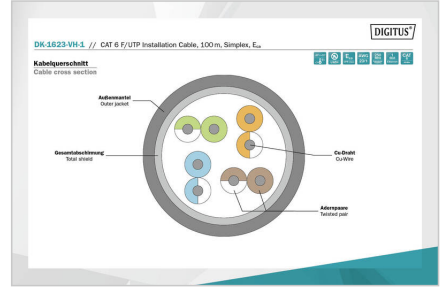
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:

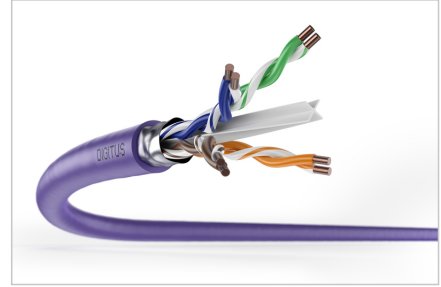


Leitungsgruppen Transmissions Properties										
PAIRS	STP	NET	PL NET	SH	PL SH	PL	STP	PL STP	PL STP	PL STP
1	21	72	72	72	82	20	18	18	18	18
2	18	82	82	82	82	20	18	18	18	18
3	15	92	92	92	92	20	18	18	18	18
4	12	102	102	102	102	20	18	18	18	18
5	9	112	112	112	112	20	18	18	18	18
6	6	122	122	122	122	20	18	18	18	18
7	3	132	132	132	132	20	18	18	18	18
8	0	142	142	142	142	20	18	18	18	18

Produktdaten Product Information		Physikalische Spezifikationen Physical Properties	
Produktname Product Name	DK-1623-VH-1 // CAT 6 F/UTP Installation Cable, 100 m, Simplex, Eca	Farbe Color	Blau/Orange/Grün/Braun Blue/Orange/Green/Brown
Produkttyp Product Type	Netzwerk-Kabel Network Cable	Leitungstyp Cable Type	4x2x0,50mm² 4x2x0,50mm²
Produktlänge Product Length	100 m / 328 ft	Leitungsdämpfung Cable Attenuation	1,0 dB/100m @ 100MHz
Produktbreite Product Width	10,5 mm / 0,41 in	Leitungsdämpfung Cable Attenuation	1,0 dB/100m @ 100MHz
Produktgewicht Product Weight	1,0 kg / 2,2 lb	Leitungsdämpfung Cable Attenuation	1,0 dB/100m @ 100MHz
Produktmaterial Product Material	PVC / LSZH	Leitungsdämpfung Cable Attenuation	1,0 dB/100m @ 100MHz
Produktfarbe Product Color	Blau/Orange/Grün/Braun	Leitungsdämpfung Cable Attenuation	1,0 dB/100m @ 100MHz
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CEP Konformitätskategorie	Bestimmungskategorie	Leitungsgruppen (AWG)	Adressierte Datenpaare (AWG)	Bestimmungskategorie
B2ca	Netzwerk-Kabel	1+	1	S
Cca	Netzwerk-Kabel	3	3	d
Dca	Netzwerk-Kabel	3	3	a
Eca	Netzwerk-Kabel	3	3	a



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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