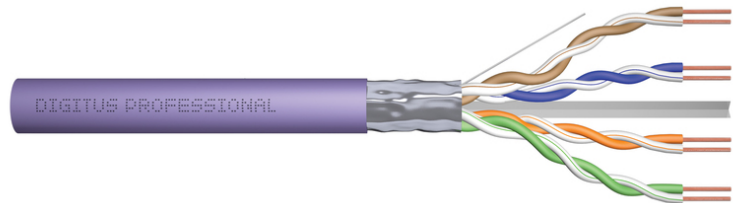


# DIGITUS Cat.6 F/UTP installation cable, 100 m, simplex, Eca

DK-1623-VH-1  
EAN 4016032344056



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

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%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: F-UTP, foil shielding
- CPR: Eca
- 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 <sup>3</sup>
Packaging Unit Carton	2	13.20	34.00	35.00	23.00	27,370.00
Packaging Unit Inside	1	6.60	33.00	34.00	11.00	12,342.00
Packaging Unit Single	1	6.60	33.00	34.00	11.00	12,342.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:

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**ETB Konvention:** Die Buchstaben A bis Z stehen für die verschiedenen Funktionen der Kabelschichten.

**Strukturierung:** Die Buchstaben A bis Z stehen für die verschiedenen Funktionen der Kabelschichten.

**AWG 23/1** // **250 MHz** // **1 Gbit Ethernet** // **CAT 6** // **200V/1.75"** // **LSZH** // **E<sub>ca</sub>** // **CPR class**

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**DK-1623-WH-1 // CAT 6 F/UTP Installation Cable, 100 m, Simplex, E<sub>ca</sub>**

**Anwendungsbeispiel:** Example of use

DK-9325

DK-9325

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**CAT 6 F/UTP Installation Cable, 100 m, Simplex, E<sub>ca</sub>**

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Comparison chart showing cable types: CAT 8.2, CAT 7L, CAT 7, CAT 7 S/SHLD, CAT 6L, CAT 6.

**Intertek**

**ETL Verified Certificate of Conformance Number: 16112002-0287-0163**

ETL Verified Certificate of Conformance

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PROB.	MTT	NEXT	PSNEXT	ACR	PSACR	DL	RL/EXT	PSRL/EXT
1	1.1	7.3	7.3	12.2	16.2	28	18	18
2	1.4	8.3	8.3	13.1	18.1	28	18	18
3	1.8	9.3	9.3	14.1	19.1	28	18	18
4	2.2	10.3	10.3	15.1	20.1	28	18	18
5	2.6	11.3	11.3	16.1	21.1	28	18	18
6	3.0	12.3	12.3	17.1	22.1	28	18	18
7	3.4	13.3	13.3	18.1	23.1	28	18	18
8	3.8	14.3	14.3	19.1	24.1	28	18	18
9	4.2	15.3	15.3	20.1	25.1	28	18	18
10	4.6	16.3	16.3	21.1	26.1	28	18	18
11	5.0	17.3	17.3	22.1	27.1	28	18	18
12	5.4	18.3	18.3	23.1	28.1	28	18	18
13	5.8	19.3	19.3	24.1	29.1	28	18	18
14	6.2	20.3	20.3	25.1	30.1	28	18	18
15	6.6	21.3	21.3	26.1	31.1	28	18	18
16	7.0	22.3	22.3	27.1	32.1	28	18	18
17	7.4	23.3	23.3	28.1	33.1	28	18	18
18	7.8	24.3	24.3	29.1	34.1	28	18	18
19	8.2	25.3	25.3	30.1	35.1	28	18	18
20	8.6	26.3	26.3	31.1	36.1	28	18	18
21	9.0	27.3	27.3	32.1	37.1	28	18	18
22	9.4	28.3	28.3	33.1	38.1	28	18	18
23	9.8	29.3	29.3	34.1	39.1	28	18	18
24	10.2	30.3	30.3	35.1	40.1	28	18	18
25	10.6	31.3	31.3	36.1	41.1	28	18	18
26	11.0	32.3	32.3	37.1	42.1	28	18	18
27	11.4	33.3	33.3	38.1	43.1	28	18	18
28	11.8	34.3	34.3	39.1	44.1	28	18	18
29	12.2	35.3	35.3	40.1	45.1	28	18	18
30	12.6	36.3	36.3	41.1	46.1	28	18	18
31	13.0	37.3	37.3	42.1	47.1	28	18	18
32	13.4	38.3	38.3	43.1	48.1	28	18	18
33	13.8	39.3	39.3	44.1	49.1	28	18	18
34	14.2	40.3	40.3	45.1	50.1	28	18	18
35	14.6	41.3	41.3	46.1	51.1	28	18	18
36	15.0	42.3	42.3	47.1	52.1	28	18	18
37	15.4	43.3	43.3	48.1	53.1	28	18	18
38	15.8	44.3	44.3	49.1	54.1	28	18	18
39	16.2	45.3	45.3	50.1	55.1	28	18	18
40	16.6	46.3	46.3	51.1	56.1	28	18	18
41	17.0	47.3	47.3	52.1	57.1	28	18	18
42	17.4	48.3	48.3	53.1	58.1	28	18	18
43	17.8	49.3	49.3	54.1	59.1	28	18	18
44	18.2	50.3	50.3	55.1	60.1	28	18	18
45	18.6	51.3	51.3	56.1	61.1	28	18	18
46	19.0	52.3	52.3	57.1	62.1	28	18	18
47	19.4	53.3	53.3	58.1	63.1	28	18	18
48	19.8	54.3	54.3	59.1	64.1	28	18	18
49	20.2	55.3	55.3	60.1	65.1	28	18	18
50	20.6	56.3	56.3	61.1	66.1	28	18	18
51	21.0	57.3	57.3	62.1	67.1	28	18	18
52	21.4	58.3	58.3	63.1	68.1	28	18	18
53	21.8	59.3	59.3	64.1	69.1	28	18	18
54	22.2	60.3	60.3	65.1	70.1	28	18	18
55	22.6	61.3	61.3	66.1	71.1	28	18	18
56	23.0	62.3	62.3	67.1	72.1	28	18	18
57	23.4	63.3	63.3	68.1	73.1	28	18	18
58	23.8	64.3	64.3	69.1	74.1	28	18	18
59	24.2	65.3	65.3	70.1	75.1	28	18	18
60	24.6	66.3	66.3	71.1	76.1	28	18	18
61	25.0	67.3	67.3	72.1	77.1	28	18	18
62	25.4	68.3	68.3	73.1	78.1	28	18	18
63	25.8	69.3	69.3	74.1	79.1	28	18	18
64	26.2	70.3	70.3	75.1	80.1	28	18	18
65	26.6	71.3	71.3	76.1	81.1	28	18	18
66	27.0	72.3	72.3	77.1	82.1	28	18	18
67	27.4	73.3	73.3	78.1	83.1	28	18	18
68	27.8	74.3	74.3	79.1	84.1	28	18	18
69	28.2	75.3	75.3	80.1	85.1	28	18	18
70	28.6	76.3	76.3	81.1	86.1	28	18	18
71	29.0	77.3	77.3	82.1	87.1	28	18	18
72	29.4	78.3	78.3	83.1	88.1	28	18	18
73	29.8	79.3	79.3	84.1	89.1	28	18	18
74	30.2	80.3	80.3	85.1	90.1	28	18	18
75	30.6	81.3	81.3	86.1	91.1	28	18	18
76	31.0	82.3	82.3	87.1	92.1	28	18	18
77	31.4	83.3	83.3	88.1	93.1	28	18	18
78	31.8	84.3	84.3	89.1	94.1	28	18	18
79	32.2	85.3	85.3	90.1	95.1	28	18	18
80	32.6	86.3	86.3	91.1	96.1	28	18	18
81	33.0	87.3	87.3	92.1	97.1	28	18	18
82	33.4	88.3	88.3	93.1	98.1	28	18	18
83	33.8	89.3	89.3	94.1	99.1	28	18	18
84	34.2	90.3	90.3	95.1	100.1	28	18	18
85	34.6	91.3	91.3	96.1	101.1	28	18	18
86	35.0	92.3	92.3	97.1	102.1	28	18	18
87	35.4	93.3	93.3	98.1	103.1	28	18	18
88	35.8	94.3	94.3	99.1	104.1	28	18	18
89	36.2	95.3	95.3	100.1	105.1	28	18	18
90	36.6	96.3	96.3	101.1	106.1	28	18	18
91	37.0	97.3	97.3	102.1	107.1	28	18	18
92	37.4	98.3	98.3	103.1	108.1	28	18	18
93	37.8	99.3	99.3	104.1	109.1	28	18	18
94	38.2	100.3	100.3	105.1	110.1	28	18	18
95	38.6	101.3	101.3	106.1	111.1	28	18	18
96	39.0	102.3	102.3	107.1	112.1	28	18	18
97	39.4	103.3	103.3	108.1	113.1	28	18	18
98	39.8	104.3	104.3	109.1	114.1	28	18	18
99	40.2	105.3	105.3	110.1	115.1	28	18	18
100	40.6	106.3	106.3	111.1	116.1	28	18	18

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**Produktbeschreibung / Product Information**

**Physikalische Spezifikationen / Physical Properties**

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**DK-1623-WH-1 // CAT 6 F/UTP Installation Cable, 100 m, Simplex, E<sub>ca</sub>**

**Kabelquerschnitt / Cable cross section**

Labels: Außenmantel Outer jacket, Gesamtquerschnitt Total cross-section, Cu-Drähte Cu Wires, Adresspaar Twisted pair.

