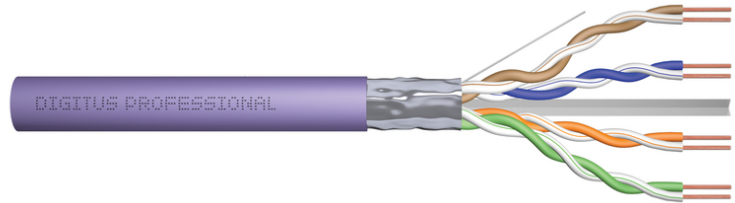


# DIGITUS Cat.6 F/UTP installation cable, 100 m, simplex, Eca

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+.

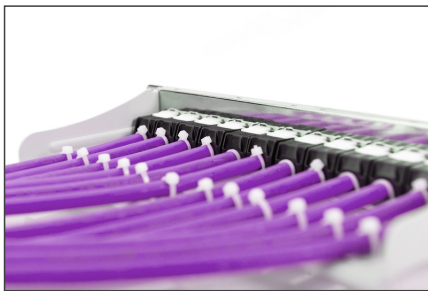
#### Future-oriented standards and high-end quality for your network.

- 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	27.40
Packaging Unit Inside	1	6.60	33.00	34.00	11.00	12.30
Packaging Unit Single	1	6.60	33.00	34.00	11.00	12.30
Net single without Packaging	0	6.60	0.00	0.00	0.00	0.00

More images:



**DIGITUS<sup>®</sup>**

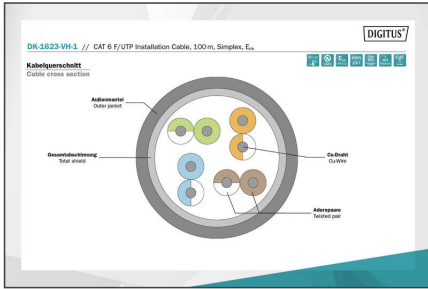
AWG 23/1 | 250 MHz | 1 Gbit Ethernet | CAT 6 | 20°/± 7.5° | 6 | LSZH | Eca | CPR class

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

**DIGITUS<sup>®</sup>**

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

**Anwendungsgebiet**  
Example of use



**DIGITUS<sup>®</sup>**

Produktdaten Product Information		Physikalische Spezifikationen Physical Properties	
Bezeichnung Name	DIGITUS CAT 6 F/UTP Installation Cable, 100 m, Simplex, Eca	Leiter Conductor	Bauart Bauform
Hersteller Manufacturer	DIGITUS	Leitung Leitung	Leitung Leitung
Part-Nr. Part No.	DK-1623-VH-1	Isoliertes Isolating	Isoliertes Isolating
Produktfamilie Product Line	CAT 6 F/UTP	Isoliertes Isolating	Isoliertes Isolating
Produkttyp Product Type	Installation Cable	Isoliertes Isolating	Isoliertes Isolating
Produktlänge Product Length	100 m	Isoliertes Isolating	Isoliertes Isolating
Produktfarbe Product Color	Violett Purple	Isoliertes Isolating	Isoliertes Isolating
Produktgewicht Product Weight	~ 1.2 kg	Isoliertes Isolating	Isoliertes Isolating
Produktmaterial Product Material	PVC	Isoliertes Isolating	Isoliertes Isolating
Produktanwendung Product Application	Netzwerk Network	Isoliertes Isolating	Isoliertes Isolating
Produktbeschreibung Product Description	CAT 6 F/UTP Installation Cable, 100 m, Simplex, Eca	Isoliertes Isolating	Isoliertes Isolating
Produktmerkmale Product Features	250 MHz, 1 Gbit Ethernet, LSZH, Eca	Isoliertes Isolating	Isoliertes Isolating
Produktanforderungen Product Requirements	Compliance with EN 50522, EN 50523, EN 50524, EN 50525, EN 50526, EN 50527, EN 50528, EN 50529, EN 50530, EN 50531, EN 50532, EN 50533, EN 50534, EN 50535, EN 50536, EN 50537, EN 50538, EN 50539, EN 50540, EN 50541, EN 50542, EN 50543, EN 50544, EN 50545, EN 50546, EN 50547, EN 50548, EN 50549, EN 50550, EN 50551, EN 50552, EN 50553, EN 50554, EN 50555, EN 50556, EN 50557, EN 50558, EN 50559, EN 50560, EN 50561, EN 50562, EN 50563, EN 50564, EN 50565, EN 50566, EN 50567, EN 50568, EN 50569, EN 50570, EN 50571, EN 50572, EN 50573, EN 50574, EN 50575, EN 50576, EN 50577, EN 50578, EN 50579, EN 50580, EN 50581, EN 50582, EN 50583, EN 50584, EN 50585, EN 50586, EN 50587, EN 50588, EN 50589, EN 50590, EN 50591, EN 50592, EN 50593, EN 50594, EN 50595, EN 50596, EN 50597, EN 50598, EN 50599, EN 50600	Isoliertes Isolating	Isoliertes Isolating

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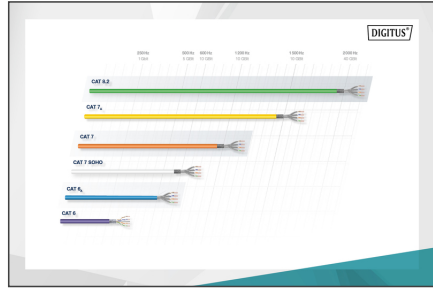
**Leistungspegel-Toleranz-Tabelle**

AWG	AWG	MAX	PK-MAX	AWG	PK-AW	PL	PL-MAX	PK-MAX
24	24	24	24	24	24	24	24	24
22	22	22	22	22	22	22	22	22
20	20	20	20	20	20	20	20	20
18	18	18	18	18	18	18	18	18
16	16	16	16	16	16	16	16	16
14	14	14	14	14	14	14	14	14
12	12	12	12	12	12	12	12	12
10	10	10	10	10	10	10	10	10
8	8	8	8	8	8	8	8	8
6	6	6	6	6	6	6	6	6
4	4	4	4	4	4	4	4	4

**Intertek**

ETL Verifier Certificate of Conformance Number: 16112085-C01-010

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**CFR Compliance**

B2ca	Self-healing	+	• Spinnungsbildung	s	Beschreibung
Cca	High		• Flammhemmung	d	• Selbstheilung
Dca	Medium	3	• Flammschutz	a	• Selbstheilung
Eca	Low		• Flammschutz		• Selbstheilung

CFR Compliance: B2ca, Cca, Dca, Eca

