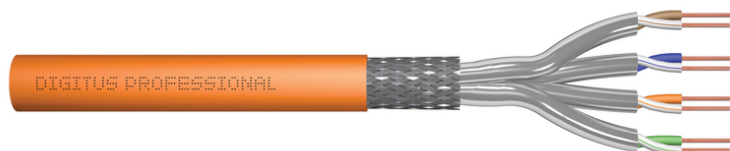


DIGITUS Cat.7 S/FTP installation cable, 1000 m, simplex, Cca

DK-1744-VH-10
EAN 4016032441281



CAT 7 S-FTP installation cable, 1200 MHz Cca (EN 50575), AWG 23/1, 1000m, simplex, orange

The Digitus Cat 7 installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 60332-3-24, EN 50575. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE and POE+. The shielding structure is composed of single shielded pairs with a tinned copper braid, which ensures excellent shielding and electrical values.

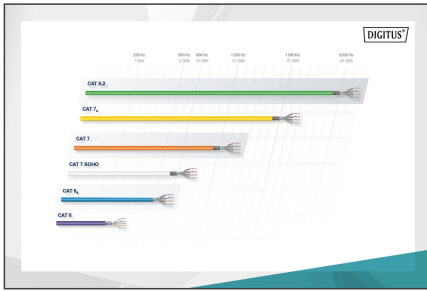
Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare copper wire, AWG 23/1
- Insulation: SFS-PE (foamed polyethylene jacket)
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: aluminum-laminated polyester film, covers 100%
- Overall shielding: copper braiding
- Outer sheath: Eca to B2ca in accordance with EN 50575; LSZH
- Outer sheath thickness (nominal): 0.50 mm (Eca); 0.52 mm (Dca); 0.60 mm (Cca); 0.60 (B2ca)
- Color: Orange (RAL 2008)
- Mechanical properties:
- Strain relief: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +75 °C

- Operating temperature range: -20 °C to +50 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter simplex (nominal): 7.0 mm (Eca); 7.2 mm (Dca); 7.5 mm (Cca); 7.5 mm (B2ca)
- Weight (kg/km): 49.5 kg (Eca); 51 kg (Dca), 53 kg (Cca); 53 kg (B2ca)
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. unbalanced resistance)
- Loop resistance: 190 Ohm/km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling attenuation: CA-Type 1b
- Phase delay: 450 nS/100 m max.
- Time delay: 10 nS/100 m max.
- Separation class: "d" according to EN 50174-2
- NVP: 79%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Cca
- Length: 1000 m
- Color: orange
- 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	53.38	54.70	54.70	36.50	109,211.00
Packaging Unit Inside	1	53.38	54.70	54.70	36.50	109,211.00
Packaging Unit Single	1	53.38	54.70	54.70	36.50	109,211.00
Net single without Packaging	1	53.04	54.70	54.70	36.50	109,211.00

More images:



Certificate
No. 19318-19-E

Category 7

Data Cable, Copper, Category 7
GHMT Type Approval

Zertifikat
Nr. 19318-19-E

Kategorie 7

Systemisches Kabel, Kupfer, Kategorie 7
GHMT Type Approval

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CEB Evaluation
The evaluation was performed in accordance with the CECC standard.

Result: **C_{ca} s1a d1 a1**

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Leistungsmerkmale: Transmission Properties

FRREQ	ATT	RETX	PLRNGT	ALX	PLRNGT	RL	BLRNGT	PLRNGT
MHz	dB	dB	dB	dB	dB	dB	dB	dB
1.1	2.2	7.6	7.6	7.6	7.6	7.6	7.6	7.6
10	1.0	7.6	7.6	7.1	8.1	7.6	7.6	7.1
100	1.0	2.0	8.0	8.0	8.0	8.0	8.0	8.0
1000	7.6	8.0	8.0	8.0	8.0	8.0	8.0	8.0
10000	43.2	8.0	8.0	8.0	8.0	8.0	8.0	8.0
100000	100.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
1000000	151.2	8.0	8.0	8.0	8.0	8.0	8.0	8.0
10000000	202.4	8.0	8.0	8.0	8.0	8.0	8.0	8.0

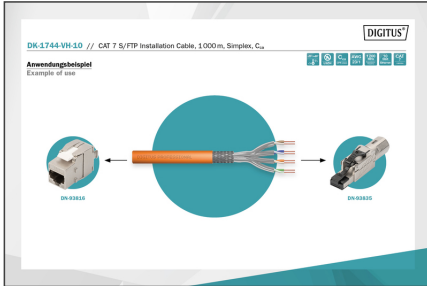
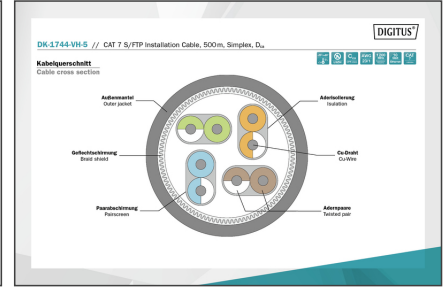
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Produktbeschreibung Product Information

Physikalische Spezifikationen Physical Properties

Elektrische Eigenschaften Electrical Properties

Mechanische Eigenschaften Mechanical Properties



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CAT 7 S/FTP Installation Cable, 1000 m, Simplex, C_{ca}

AWG 23/1, 1200 MHz, 10 Gbit Ethernet, CAT 7, 20°/+50°, LSZH, C_{ca} CEB class

