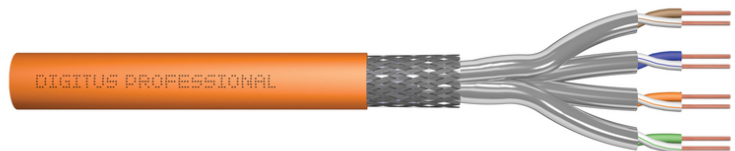


# DIGITUS Cat.7 S/FTP installation cable, 1000 m, simplex, Dca

DK-1743-VH-10  
EAN 4016032300786



### CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 1000 m drum, sx, 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 61156-7, EN 50288-9-1. 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
- System(s) of assessment and verification of constancy of performance: System 3
- 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 +60 °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.
- Outer sheath: Dca-s2 d1 a1 acc. to EN 50575; LSZH
- 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: Dca
- 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)	cm³
Packaging Unit Carton	1	47.00	55.00	55.00	35.00	105,875.00
Packaging Unit Inside	1	47.00	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	47.00	55.00	55.00	35.00	105,875.00
Net single without Packaging	1	54.00	55.00	55.00	35.00	0.00

More images:



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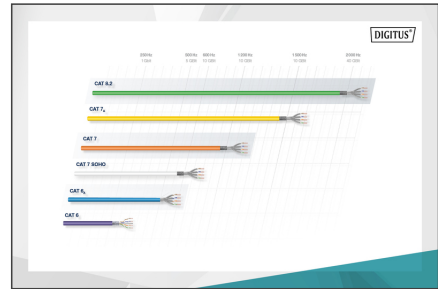
**CPR Symbol**  
 B2ca  
 Cca  
 Dca  
 Eca

**Brandmark**  
 Cca s1a d1 a1

**Leitungsgebietskategorie (EN50323)**  
 Kategorie 1+  
 Kategorie 3

**Adaptieren der verbleibenden Werte**  
 EN50323-1-2015  
 EN50323-1-2015  
 EN50323-1-2015

**Produktbeschreibung**  
 Produktbeschreibung  
 Produktbeschreibung  
 Produktbeschreibung



**Certificate**  
 No. 18864-21  
 Klasse E

**Zertifikat**  
 Nr. 18864-21  
 Klasse E

**3 Standard Permanent Link, Copper, Class E**  
**GHMT Type Approval**

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**Leitungsgebietskategorie Transmittanz-Propagations**

PROF.	NET	NET	PL NET	ACR	PL ACR	PL	ELNET	PL ELNET
MHz	dB	dB	dB	dB	dB	dB	dB	dB
1	2	8	20	20	20	20	20	20
10	0,8	7,8	21	21	21	21	21	21
100	-0,1	-0,1	24,5	24,5	24,5	24,5	24,5	24,5
200	-0,2	-0,2	25,5	25,5	25,5	25,5	25,5	25,5
300	-0,3	-0,3	26,5	26,5	26,5	26,5	26,5	26,5
400	-0,4	-0,4	27,5	27,5	27,5	27,5	27,5	27,5
500	-0,5	-0,5	28,5	28,5	28,5	28,5	28,5	28,5
600	-0,6	-0,6	29,5	29,5	29,5	29,5	29,5	29,5
800	-0,8	-0,8	31,5	31,5	31,5	31,5	31,5	31,5
1000	-1,0	-1,0	33,5	33,5	33,5	33,5	33,5	33,5

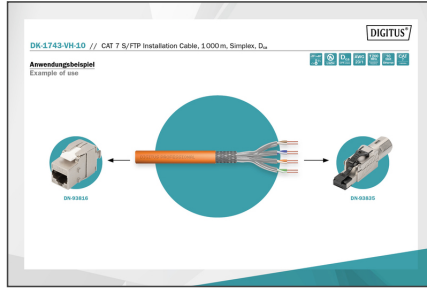
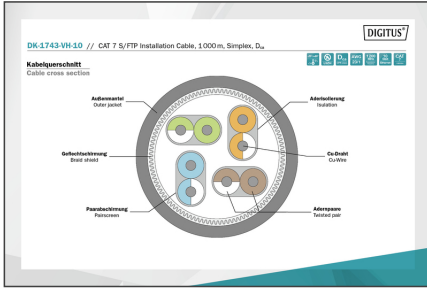
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**Produktdatenblatt Product Information**

**Physikalische Spezifikationen Physical Properties**

**Elektrische Eigenschaften Electrical Properties**

**Mechanische Eigenschaften Mechanical Properties**



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**CAT 7 S/FTP Installation Cable, 1000m, Simplex, Dca**

AWG 23/1, 1200 MHz, 10 Gbit Ethernet, CAT 7, 20° / +50°, LSZH, Dca, CPR class

