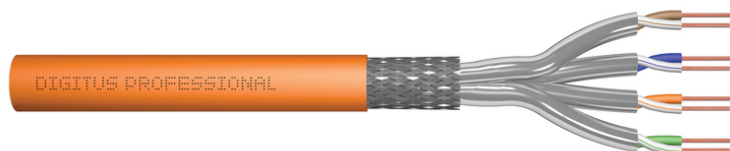


# DIGITUS Cat.7 S/FTP installation cable, 1000 m, simplex, Dca

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	54.00	55.00	55.00	35.00	105,875.00
Packaging Unit Inside	1	54.00	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	54.00	55.00	55.00	35.00	105,875.00
Net single without Packaging	0	54.00	55.00	55.00	35.00	105,875.00

More images:



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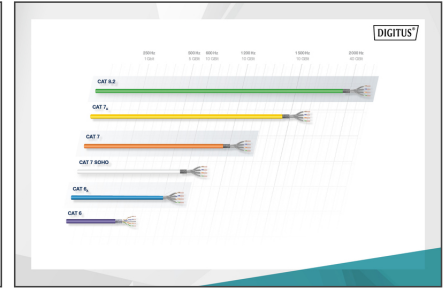
**CPR Symbolik**  
 B2ca: Gefahr hoch  
 Cca: Hoch  
 Dca: Mittel  
 Eca: Gering

**Brandverhalten**  
 s1a  
 d1  
 a1

**Leitungsgebildeart (LGA)**  
 1+  
 3

**Adaptieren der verbleibenden Maße**  
 1+  
 3

**Zusätzliche Informationen**  
 S: ...  
 d: ...  
 a: ...



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

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

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

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

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**Leitungsgebildearten Transmissions-Parameter**

FRIST	AE	ME	PE	AE	AE	PE	AE	AE	PE	AE
1.1	3.2	3.8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
1.1	5.8	7.8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
1.1	7.8	7.8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
1.1	7.8	7.8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
1.1	7.8	7.8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
1.1	7.8	7.8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
1.1	7.8	7.8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
1.1	7.8	7.8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
1.1	7.8	7.8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5

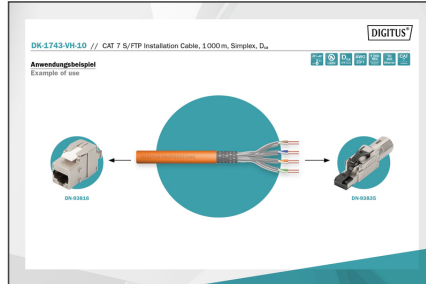
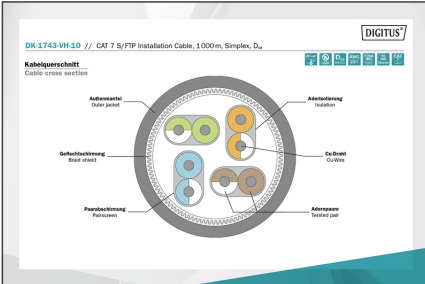
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**Produktdaten Product Information**

<b>Bezeichnung</b>	DK-1743-VH-10 // CAT 7 S/FTP Installation Cable, 1000m, Simplex, D <sub>ca</sub>	<b>Hersteller</b>	DIGITUS
<b>Partnummer</b>	DK-1743-VH-10 // CAT 7 S/FTP Installation Cable, 1000m, Simplex, D <sub>ca</sub>	<b>Materialnummer</b>	DK-1743-VH-10 // CAT 7 S/FTP Installation Cable, 1000m, Simplex, D <sub>ca</sub>
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**Technische Eigenschaften Physical Properties**

<b>Leitungsgebildeart</b>	1+3	<b>Leitungsgebildeart</b>	1+3
<b>Leitungsgebildeart</b>	1+3	<b>Leitungsgebildeart</b>	1+3
<b>Leitungsgebildeart</b>	1+3	<b>Leitungsgebildeart</b>	1+3
<b>Leitungsgebildeart</b>	1+3	<b>Leitungsgebildeart</b>	1+3



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**CAT 7 S/FTP Installation Cable, 1000m, Simplex, D<sub>ca</sub>**

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

