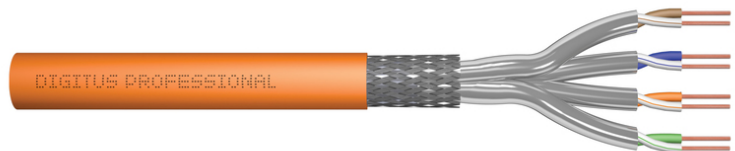


# DIGITUS Cat.7 S/FTP installation cable, 500 m, simplex, Dca-s1a d1 a1

DK-1743-VH-5  
EAN 4016032353997



### CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 500 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: Dca-s2 d1 a1 acc. to 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: 135N 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

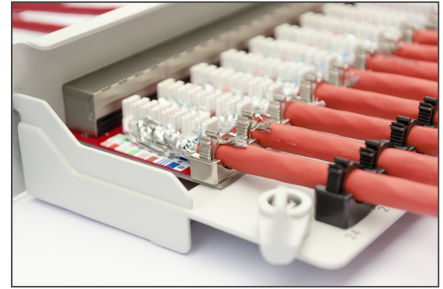
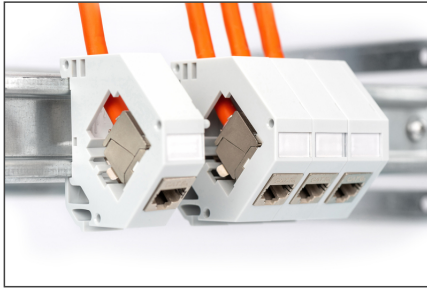
- Operating temperature range: -20 °C to +50 °C
- Installation temperature range: 0 °C to +50 °C
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45pF/m nom. at 1KHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- 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%
- Flame spread: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosivity: EN 60754-1/2 (LSOH)
- Smoke density EN 61034-2

#### Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 500 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 <sup>3</sup>
Packaging Unit Carton	1	27.00	55.00	55.00	35.00	105,875.00
Packaging Unit Inside	1	27.00	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	27.00	55.00	55.00	35.00	105,875.00
Net single without Packaging	1	27.00	54.00	54.00	34.00	0.00

More images:



**CAT 7 S/FTP Installation Cable, 500m, Simplex, D<sub>ca</sub>**

- AWG 23/1
- 1200 MHz
- 10 Gbit Ethernet
- CAT 7 1000 Mbps
- 20/7/4/50
- LSZH
- D<sub>ca</sub> CPFL class

**DK-1743-VH-S // CAT 7 S/FTP Installation Cable, 500m, Simplex, D<sub>ca</sub>**

**Anwendungsbeispiel**  
Example of use

**DK-1743-VH-S // CAT 7 S/FTP Installation Cable, 500m, Simplex, D<sub>ca</sub>**

**Kabelquerschnitt**  
Cable cross section

**Produktkennlinien Produkt Informationen**

Produktkennlinie	Produkt Information	Physikalische Spezifikationen Physical Properties
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**Leistungsmerkmale Transmitter Properties**

MHz	ATT	MEET	PRE MEET	ATT	MEET	PRE MEET	ATT	MEET	PRE MEET
1	2	3	7	7	7	7	20	20	20
10	10	9	7	7	7	7	20	20	20
100	10	9	7	7	7	7	20	20	20
1000	10	9	7	7	7	7	20	20	20

**Certificate** No. 19184-19-1

**Zertifikat** Nr. 19184-19-1

**Category 7**

**GHMT Type Approval**

**Certificate** No. 19184-21

**Zertifikat** Nr. 19184-21

**Class E**

**GHMT Type Approval**

**CAT 7 S/FTP Cable Color Coding**

**GHMT Type Approval**

GHMT	Standard	Category	Approval
B2 <sub>ca</sub>	Super hoch	1+	• Typenprüfung • Typenprüfung • Typenprüfung
C <sub>ca</sub>	Hoch	3	• Typenprüfung • Typenprüfung
D <sub>ca</sub>	Mittel	3	• Typenprüfung • Typenprüfung
E <sub>ca</sub>	Gering	1	• Typenprüfung • Typenprüfung



Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

**EU responsible person**

EU based economic operator ensuring the product complies with the required regulations.

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