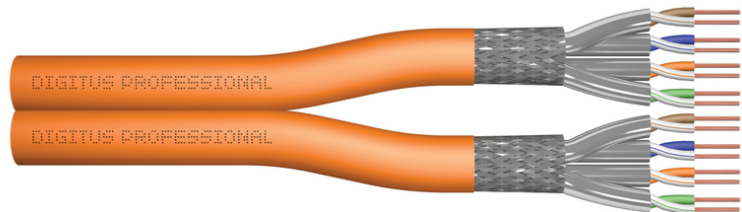


# DIGITUS Cat.7 S/FTP installation cable, 500 m, duplex, Dca-s1a d1 a1

DK-1743-VH-D-5  
EAN 4016032380573



### CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 500m drum, DX, 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
- 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 EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosivity: EN 60754-1/2 (LSOH)
- Smoke density EN 61034-2
- 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)	cm³
Packaging Unit Carton	1	57.00	55.00	55.00	35.00	105,875.00
Packaging Unit Inside	1	57.00	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	57.00	55.00	55.00	35.00	105,875.00
Net single without Packaging	1	56.66	55.00	55.00	35.00	105,875.00

More images:

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AWG 23/1 | 1200 MHz | 10 Gbit Ethernet | CAT 7 | 1.000 MHz | 20° / 50° | LSZH | Dca | GPR class

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

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**DK-1743-VH-D-5 // CAT 7 S/FTP Installation Cable, 500m, Duplex, D<sub>ca</sub>**

**Anwendungsbeispiel**  
Example of use

DK-63316 | DK-63325

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**DK-1743-VH-D-5 // CAT 7 S/FTP Installation Cable, 500m, Duplex, D<sub>ca</sub>**

**Kabelquerschnitt**  
Cable cross section

Außenmantel Outer jacket | Abschirmung Isolation | Geflechtstreifen Shield strand | Dr-Draht Core wire | Parastreicherung Parascreen | Abschirmung Shield pair

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Produktdaten Product Information	Physikalische Spezifikationen Physical Properties
<b>Hersteller</b> Digitus Cable Technology (Pty) Ltd, South Africa 10000 10th Floor, 10th Floor, 10th Floor 10000 10th Floor, 10th Floor, 10th Floor	<b>Typ</b> Basis: IEC 61935, IEC 61935, IEC 61935 Basis: IEC 61935, IEC 61935, IEC 61935
<b>Elektrische Eigenschaften Electrical Properties</b>	<b>Mechanische Eigenschaften Mechanical Properties</b>
<b>Impedanz</b> 100 Ohm	<b>Stärke</b> 100 Ohm
<b>Leistungsdichte</b> 100 W/m	<b>Temperaturbereich</b> -40°C bis +85°C
<b>Lebensdauer</b> 10 Jahre	<b>Umweltbedingungen</b> IEC 60332-1, IEC 60332-3

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**Leistungsparameter Transmission Properties**

Model	AT	MT	PE-MST	ACE	PA-ACE	PL	ELNET	PE-ELNET
10	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
100	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
1000	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
10000	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8

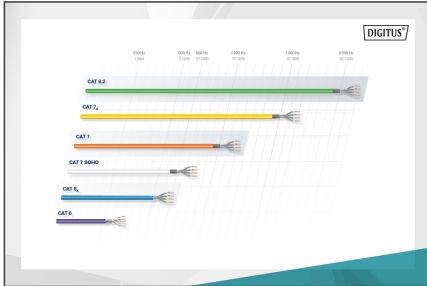
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**Certificate**  
No. 16171-19-1

**Zertifikat**  
No. 16171-19-1

Category 7 | Kategorie 7

**DIGITUS Type Approval**



**DIGITUS**

**CEP Evaluation**

**Bestandteile**  
B2ca, Cca, Dca, Eca

**Leistungsparameter (dB/100m)**  
1+

**Adaptation der verschiedenen Modelle**  
1+

**Bestandteile**  
s, d, a

**Bestandteile**  
s1a, d1, a1

