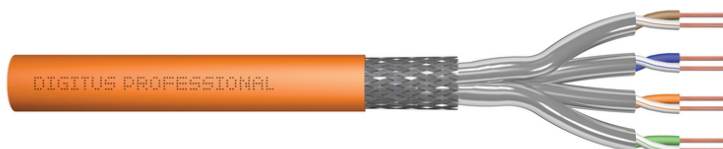


# DIGITUS Cat.7 S/FTP installation cable, 50 m, simplex, Dca-s1a d1 a1

DK-1743-VH-050  
EAN 4016032480785



### CAT 7 S-FTP Installationskabel, 1200 MHz Dca (EN 50575), AWG 23/1, 50m ring,SX, orange

The Digitus® Cat.7 S/FTP installation cable features the following cable structure 4x2x AWG23/1 and reaches a transmission frequency of up to 1200 MHz. The halogen-free cable sheath complies with the IEC 60332-3-24 standard, FRNC-C, LSZH-3, and BauPVO Euroclass Dca. The cable is suitable for structured building cabling in secondary and tertiary areas. Compliant with ISO/IEC 11801, DIN EN 50173, and DIN EN 50288-4-1 standards.

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

- 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 +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: 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%
- Assortment: Twisted pair installation cable
- Length: 50 m
- Category: CAT 7
- Color: orange
- CPR: Dca
- Coat: LSOH
- Shielding: S-FTP, pairs shielded in metal foil and braid
- Cable construction: 4 x 2 AWG 23/1, solid twisted pair
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 50 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	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



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AWG 23/1 | 1200 MHz | 10 Gbit Ethernet | CAT 7 1000 Mbps

207/150 | LSZH | Dca CPE class

**CAT 7 S/FTP Installation Cable, 50m, Simplex, D<sub>ca</sub>**

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DK-1743-VH-050 // CAT 7 S/FTP Installation Cable, 50m, Simplex, D<sub>ca</sub>

Anwendungsbeispiel  
Example of use

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DK-1743-VH-050 // CAT 7 S/FTP Installation Cable, 50m, Simplex, D<sub>ca</sub>

Kabelquerschnitt  
Cable cross section

Labels: Aufwärtige Leiterpaar, Abwärtsleiterpaar, Dca-Quart, Cu-Verz, Abschirmung, Paarschirm, Adresspaar, Paarschirm.

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Produktdaten / Product Information	Physikalische Spezifikationen / Physical Properties
<b>Bezeichnung / Part Number:</b> CAT 7 S/FTP Installation Cable, 50m, Simplex, D <sub>ca</sub> <b>Teilenummer / Part Number:</b> DK-1743-VH-050 <b>Hersteller / Manufacturer:</b> DIGITUS <b>Produktionsdatum / Production Date:</b> 2023-01-15	<b>Leistungsfähigkeit / Performance:</b> 10 Gbit Ethernet, 1200 MHz <b>Temperaturbereich / Temperature Range:</b> -20°C bis +70°C <b>Material / Material:</b> LSZH, Dca CPE class

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Leistungseigenschaften / Performance Properties

Modell / Model	AWG / AWG	MHz / MHz	10 Gbit Ethernet / 10 Gbit Ethernet	LSZH / LSZH	Dca / Dca	CPE class / CPE class
DK-1743-VH-050	23/1	1200	10 Gbit Ethernet	LSZH	Dca	CPE class

**DIGITUS**

**Certificate**  
No. 19374-21

**Zertifikat**  
Nr. 19374-21

Category 7

**GHMT**

**DIGITUS**

**Certificate**  
No. 19374-21

**Zertifikat**  
Nr. 19374-21

Class 5

**GHMT**

**DIGITUS**

Offene Systeme / Open Systems

Struktur / Structure

Leistungseigenschaften / Performance Properties

Anforderungen an Zertifizierung / Requirements for Certification

Zertifizierung / Certification

B<sub>2ca</sub> | C<sub>ca</sub> | D<sub>ca</sub> | E<sub>ca</sub> | 1+ | 3 | s | d | a  
 st1a | d1 | a1

