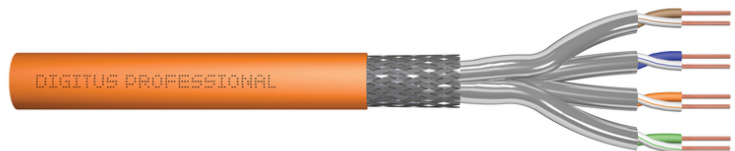


# DIGITUS Cat.7 S/FTP installation cable, 50 m, simplex, Dca-s1a d1 a1

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.

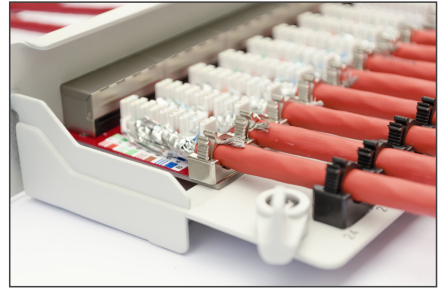
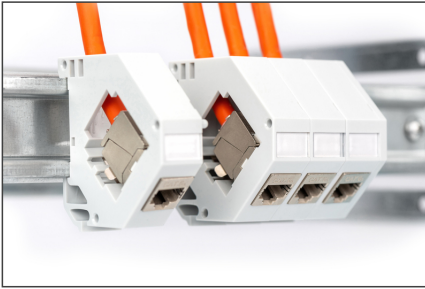
#### Future-oriented standards and high-end quality for your network.

- 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	2.60	32.00	32.00	9.00	9,216.00
Packaging Unit Inside	1	2.60	32.00	32.00	9.00	9,216.00
Packaging Unit Single	1	2.60	32.00	32.00	9.00	9,216.00
Net single without Packaging	1	0.00	12.00	24.00	80.00	0.00

More images:



**DIGITUS**

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>**

**DIGITUS**

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

Anwendungsbeispiel  
Example of use

**DIGITUS**

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

**Kabelquerschnitt**  
Cable cross section

Labels: Außenmantel Outer jacket, Abschirmung Shielding, Dca-Quart Qu-Quart, Abschirmung Isolation, Paarleiter twisted pair, Paarleiter twisted pair, Paarleiter twisted pair, Paarleiter twisted pair.

**DIGITUS**

**Produktdaten Produkt Information**

Produktname	DK-1743-VH-050 (50m) Simplex, Dca	Typ	DK-1743-VH-050 (50m) Simplex, Dca
Produktcode	DK-1743-VH-050 (50m) Simplex, Dca	Hersteller	DIGITUS
Produktbeschreibung	DK-1743-VH-050 (50m) Simplex, Dca	Material	DK-1743-VH-050 (50m) Simplex, Dca

**Technische Eigenschaften Technical Properties**

Leitungsart	4x 2x 23 AWG (2x 23 AWG)	Leitungsart	4x 2x 23 AWG (2x 23 AWG)
Leitungsart	4x 2x 23 AWG (2x 23 AWG)	Leitungsart	4x 2x 23 AWG (2x 23 AWG)

**Mechanische Eigenschaften Mechanical Properties**

Leitungsart	4x 2x 23 AWG (2x 23 AWG)	Leitungsart	4x 2x 23 AWG (2x 23 AWG)
Leitungsart	4x 2x 23 AWG (2x 23 AWG)	Leitungsart	4x 2x 23 AWG (2x 23 AWG)

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**Leitungsgruppencharakteristika Transmission Properties**

PAIR	AWG	NEWT	PL NEWT	AWG	PL AWG	SL	PL SL	PL SL/PL	PL SL/PL
1	2	24	75	24	75	24	75	24	75
10	18	30	75	30	75	30	75	30	75
100	18	30	75	30	75	30	75	30	75
1000	18	30	75	30	75	30	75	30	75

**GHMT**

**Certificate**  
No. 19144-11

Category 7

**Zertifikat**  
Nr. 19144-11

Kategorie 7

**GHMT Type Approval**

**GHMT**

**Certificate**  
No. 19144-21

Class 5

**Zertifikat**  
Nr. 19144-21

Klasse 5

**GHMT Type Approval**

**DIGITUS**

**Leitungsgruppencharakteristika Transmission Properties**

Leitungsart	4x 2x 23 AWG (2x 23 AWG)	Leitungsart	4x 2x 23 AWG (2x 23 AWG)
Leitungsart	4x 2x 23 AWG (2x 23 AWG)	Leitungsart	4x 2x 23 AWG (2x 23 AWG)

**DIGITUS**

**Leitungsgruppencharakteristika Transmission Properties**

Leitungsart	4x 2x 23 AWG (2x 23 AWG)	Leitungsart	4x 2x 23 AWG (2x 23 AWG)
Leitungsart	4x 2x 23 AWG (2x 23 AWG)	Leitungsart	4x 2x 23 AWG (2x 23 AWG)

