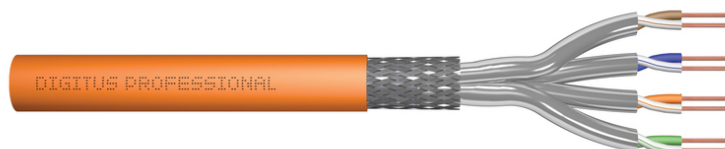


DIGITUS Cat.7 S/FTP installation cable, 50 m, simplex, Dca-s1a d1 a1

DK-1743-VH-050
EAN 4016032480785



CAT 7 S-FTP installation cable, 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

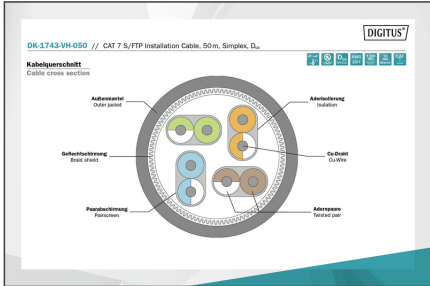
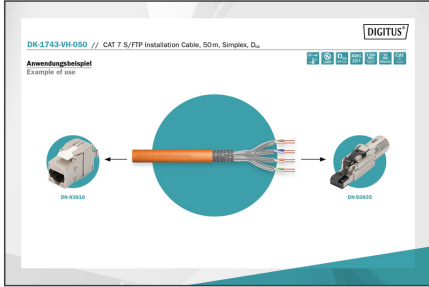
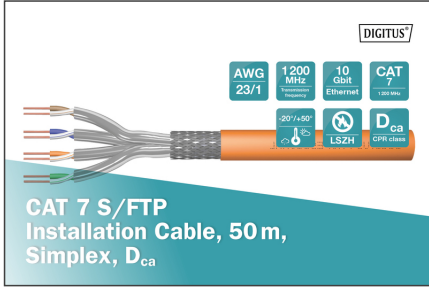
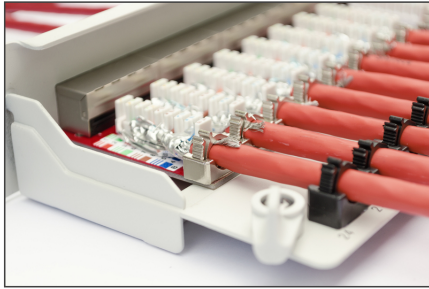
- Operating temperature range: -20 °C to +50 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter simplex (nominal): 7.0 mm (Eca); 7.2 mm (Dca); 7.5 mm (Cca); 7.5 mm (B2ca)
- Weight (kg/km): 49.5 kg (Eca); 51 kg (Dca), 53 kg (Cca); 53 kg (B2ca)
- Electrical properties:
- Impedance: 100±15 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%

Attributes

- 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	150	375.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	2.50	0.00	0.00	0.00	0.00
Packaging Unit Single	1	2.50	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

A close-up photograph of two white RJ45 network ports. Two orange Ethernet cables are plugged into the ports. The ports are mounted on a metal surface, and the background is blurred.

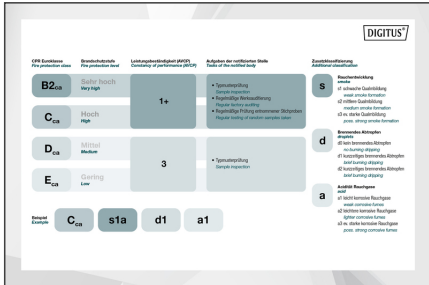
[illegible]

DIGITS

Leistungsgegenstände, Transmitter Properties

FREQ.	REF	REF2	PLM250	A25	PLM25	PL	REF2T	PLM25T
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	1	1	1	1	1	1	1	1
10	5.0	5.0	5	5.0	5.0	5	5	5
100	50.0	50	50.0	50.0	50.0	50.0	50	50
1000	500	500	500	500	500	500	500	500
10000	5000	5000	5000	5000	5000	5000	5000	5000
100000	50000	50000	50000	50000	50000	50000	50000	50000
1000000	500000	500000	500000	500000	500000	500000	500000	500000
10000000	5000000	5000000	5000000	5000000	5000000	5000000	5000000	5000000
100000000	50000000	50000000	50000000	50000000	50000000	50000000	50000000	50000000
1000000000	500000000	500000000	500000000	500000000	500000000	500000000	500000000	500000000

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- 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.

ASSMANN Electronic GmbH

Auf dem Schüffel 3

Lüdenscheid, Germany

<https://www.assmann.com>

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