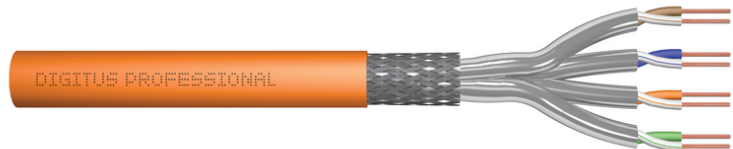


# DIGITUS® CAT 7 S/FTP data cable - installation cable, 500 m, simplex, Dca-s2, d1, a1

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 structured data centers and building cabling in accordance with ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 61156-7, EN 50288-9-1. The cable is ideal for the transmission of analog and digital data and supports PoE, PoE+, 4PPoE (IEEE 802.3af;3at;3bt). The shield structure consists of individually 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, corrosiveness: 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

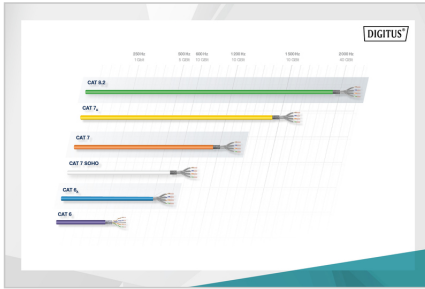
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	28.30	55.00	55.00	35.00	105,875.00
Packaging Unit Inside	1	28.30	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	28.30	50.00	50.00	21.00	52,500.00
Net single without Packaging	1	28.30	54.00	54.00	34.00	0.00

More images:

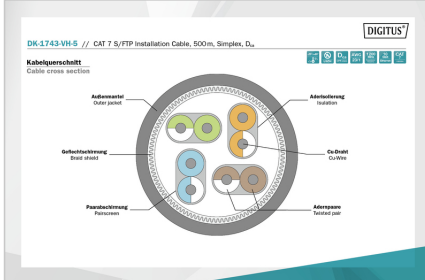
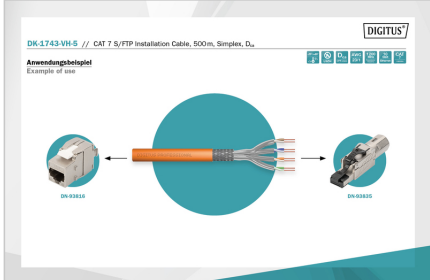


EN 60950-1	EN 60950-2	EN 60950-3	EN 60950-4	EN 60950-5	EN 60950-6	EN 60950-7	EN 60950-8	EN 60950-9	EN 60950-10	EN 60950-11	EN 60950-12	EN 60950-13	EN 60950-14	EN 60950-15	EN 60950-16	EN 60950-17	EN 60950-18	EN 60950-19	EN 60950-20	EN 60950-21	EN 60950-22	EN 60950-23																												
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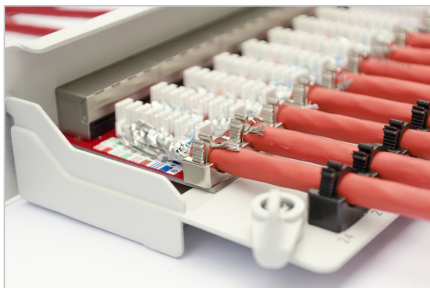
EN60950-1	EN60950-2	EN60950-3	EN60950-4	EN60950-5	EN60950-6	EN60950-7	EN60950-8	EN60950-9	EN60950-10	EN60950-11	EN60950-12	EN60950-13	EN60950-14	EN60950-15	EN60950-16	EN60950-17	EN60950-18	EN60950-19	EN60950-20	EN60950-21	EN60950-22	EN60950-23																											
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**AWG 23/1**, **1200 MHz**, **10 Gbit Ethernet**, **CAT 7**, **1000m**, **20° / 50°**, **LSZH**, **Dca Class**



Produktbeschreibung	Technische Spezifikationen	Physikalische Spezifikationen
<p><b>Digitus DK-1743-VH-5</b> // CAT 7 S/FTP Installation Cable, 500m, Simplex, Dca</p>	<p><b>Technische Spezifikationen</b></p> <p>AWG 23/1, 1200 MHz, 10 Gbit Ethernet, CAT 7, 1000m, 20° / 50°, LSZH, Dca Class</p>	<p><b>Physikalische Spezifikationen</b></p> <p>...</p>



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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