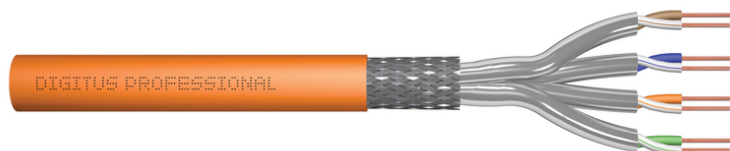


# DIGITUS Cat.7 S/FTP installation cable, 1000 m, simplex, Cca

DK-1744-VH-10  
EAN 4016032441281



### CAT 7 S-FTP installation cable, 1200 MHz Cca (EN 50575), AWG 23/1, 1000 m drum, simplex, or

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 60332-3-24, EN 50575. 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 annealed copper, solid AWG 23/1
- Insulation: SFS-PE (Foam-Skin Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shielding: Aluminum foil, providing 100 % coverage
- Overall shielding: Copper braid
- Outer sheath: Cca-s1a d1 a1.acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0,50 mm (Eca); 0,52 mm (Dca); 0,60 mm (Cca); 0,60 (B2ca)
- Color: Orange (RAL 2008)
- Mechanical properties:
- Tensile loading: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Shipping- and storage temperature range: -20 °C up to +60 °C

- Operating temperature range: -20 °C up to +50 °C
- Installation temperature range: 0 °C up to +50 °C
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-ground): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. resistance unbalance)
- DC loop resistance: 190 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: CA-Type 1b
- Signal propagation delay: 450 nS/100 m max.
- Propagation delay: 10 nS/100 m max.
- Separating class: "d" acc. to EN 50174-2
- NVP: 79%
- Flame spread: EN 60332-3-24 (LSOH-PVC)
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Cca
- Length: 1000 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)	cm <sup>3</sup>
Packaging Unit Carton	1	53.38	54.70	54.70	36.50	109,211.00
Packaging Unit Inside	1	53.38	54.70	54.70	36.50	109,211.00
Packaging Unit Single	1	53.38	54.70	54.70	36.50	109,211.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:

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ERG-Einstufen: B2<sub>ca</sub> (Sehr hoch / Very high), C<sub>ca</sub> (Hoch / High), D<sub>ca</sub> (Mittel / Medium), E<sub>ca</sub> (Gering / Low)

Leistungsleistung (GHz): 1+ (1000), 3 (3000)

Adaptier- für cat5e bis Cat6: 1+ (1000), 3 (3000)

Spezifikationen: B2<sub>ca</sub>, s1a, d1, a1

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Diagram showing cable types: CAT 8.2, CAT 7.4, CAT 7, CAT 7 40MHz, CAT 7, CAT 6.5

**Certificate** No. 16113-13-1  
**Zertifikat** Nr. 16113-13

Category 7

GHMT Type Approval

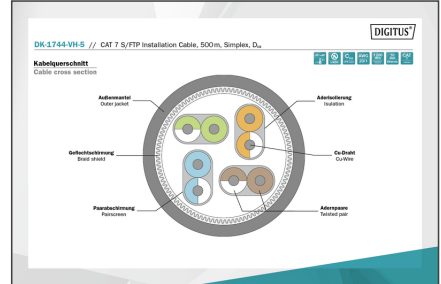
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Leistungsleistung: Transmission Properties

FRF	JE7	ME7	FR ME7	ALC	FR ALC	PL ALC	IL	BL ME7	FR BL ME7	PL BL ME7
1.1	2.1	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
10	1.3	7.6	7.6	7.1	8.1	7.6	7.6	7.6	7.6	7.6
100	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
1000	7.6	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
10000	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
100000	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
1000000	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2

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Produktdaten Product Information		Physikalische Spezifikationen Physical Properties	
Produktname	DK-1744-VH-S // CAT 7 S/FTP Installation Cable, 1000m, Simplex, C <sub>ca</sub>	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktcode	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktbeschreibung	1000m CAT 7 S/FTP Installation Cable, 1000m, Simplex, C <sub>ca</sub>	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktfamilie	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produkttyp	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktversion	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktstatus	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktfarbe	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktmaterial	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktgewicht	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktlänge	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktbreite	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produkthöhe	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktvolumen	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktfläche	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktgewicht	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktlänge	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktbreite	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produkthöhe	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktvolumen	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable
Produktfläche	DK-1744-VH-S	Umwelt	Bestandteile: 1000m CAT 7 S/FTP Installation Cable



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DK-1744-VH-S // CAT 7 S/FTP Installation Cable, 1000m, Simplex, C<sub>ca</sub>

Anwendungsbeispiel  
 Example of use

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AWG 23/1, 1200 MHz, 10 Gbit Ethernet, CAT 7, 20°/150°, LSZH, C<sub>ca</sub> CPR class

CAT 7 S/FTP Installation Cable, 1000 m, Simplex, C<sub>ca</sub>

