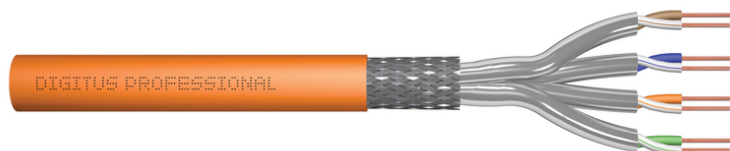


DIGITUS Cat.7 S/FTP installation cable, 1000 m, simplex, Cca

DK-1744-VH-10
EAN 4016032441281



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

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 ³
Packaging Unit Carton	8	427.00	125.00	110.00	110.00	1,512,500.00
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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AWG Dimension (AWG) **Shielding** (Shielding) **Leiterschichttyp (AWG)** (Leiterschichttyp) **Adaptier- oder verbindende Ende** (Adaptier- oder verbindende Ende) **Zusatzfunktionen** (Zusatzfunktionen)

B2ca Solid braid Very high

Cca Mesh High

Dca Mesh Medium

Eca Gating Low

1+ • Abschirmung (Shielding) • Kupfergeflecht (Copper braid) • Kupfergeflecht (Copper braid) • Kupfergeflecht (Copper braid) • Kupfergeflecht (Copper braid)

3 • Kupfergeflecht (Copper braid) • Kupfergeflecht (Copper braid) • Kupfergeflecht (Copper braid) • Kupfergeflecht (Copper braid)

a • Abschirmung (Shielding) • Kupfergeflecht (Copper braid) • Kupfergeflecht (Copper braid) • Kupfergeflecht (Copper braid)

1a • Abschirmung (Shielding) • Kupfergeflecht (Copper braid) • Kupfergeflecht (Copper braid) • Kupfergeflecht (Copper braid)

1a1 • Abschirmung (Shielding) • Kupfergeflecht (Copper braid) • Kupfergeflecht (Copper braid) • Kupfergeflecht (Copper braid)

Certificate No. 193218-19-E

Zertifikat Nr. 193218-19-E

Category 7

GHMT Type Approval

Leitungsparameter Transmission Properties

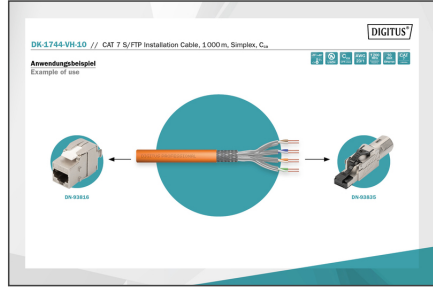
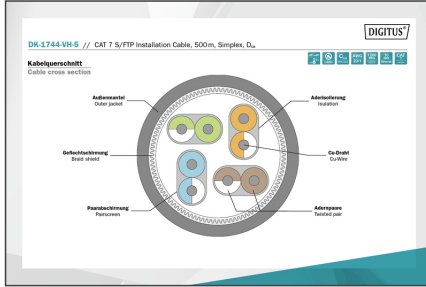
Parameter	AWG 23/1	AWG 24/1	AWG 25/1	AWG 26/1	AWG 27/1	AWG 28/1	AWG 29/1	AWG 30/1
1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

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Produktinformation Product Information

Elektrische Eigenschaften Electrical Properties

Mechanische Eigenschaften Mechanical Properties



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AWG 23/1 **1200 MHz** **10 Gbit Ethernet** **CAT 7**

20° / ±50° **LSZH** **Cca** **CFR class**

CAT 7 S/FTP Installation Cable, 1000 m, Simplex, C_{ca}

