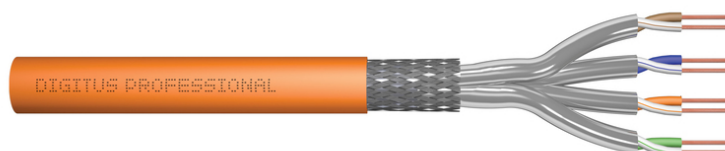


DIGITUS Cat.7 S/FTP installation cable, 1000 m, simplex, Cca

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 2000)
- 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
- Length: 1000 m
- Category: CAT 7
- Category: CAT 7
- Color: orange
- CPR: Cca
- Jacket: LSOH
- Shielding: S-FTP, pairs in metal foil and braid shielding
- 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	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

A close-up photograph of two white RJ45 network connectors plugged into a patch panel. The connectors are shown from a side-on perspective, revealing the internal metal contacts and the orange Ethernet cables inserted into them. The patch panel has a metallic, ribbed surface.



DK-1744-VH-10 // CAT 7 S/FTP Installation Cable, 1.000 m, Simplex, G₄

Anwendungsbeispiel
Example of use



DK-10012

DK-10025

DK-1744-WS-5 // CAT 7 S/FTP Installation Cable, 500m, Simplex, Du...

Kabelquerschnitt
Cable cross section

Labels in the diagram:

- Außenmantel
Outer jacket
- Adressierung
Addressing
- Adressierung
Addressing
- Co-Braid
Co-Wire
- Paarabschirmung
Pair shielding
- Paarabschirmung
Pair shielding

Leistungsgewinnzahlen: Umsatzrentier-Profit									
PERIO.	ATZ	NETZ	PERNETZ	AGZ	PERAGZ	SL	KLPERAT	PERKLPERAT	PERKLPERAT
2009	-48	-48	-48	-48	-48	-28	-48	-48	-48
1	7	7	7	7	7	10	7	7	7
10	5,2	7	7	7	5,1	40,7	20	14	11
100	56,1	56,1	56,1	56,1	56,1	56,1	56,1	56,1	56,1
200	3	66,1	61,1	36,1	31,1	17,1	46	46	46
100	61,1	31,1	31,1	16,1	11,1	17,1	46	46	46
600	66,1	66,1	61,1	31,1	27,1	17,1	17,1	66,1	66,1
100	66,1	31,1	31,1	16,1	11,1	17,1	46	46	46
100	66,1	31,1	31,1	16,1	11,1	17,1	46	46	46
100	66,1	31,1	31,1	16,1	11,1	17,1	46	46	46
100	66,1	31,1	31,1	16,1	11,1	17,1	46	46	46

[illegible][illegible]