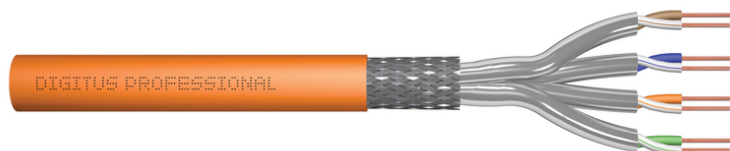


DIGITUS Cat.7 S/FTP installation cable, 500 m, simplex, Cca-s1a d1 a1

DK-1744-VH-5
EAN 4016032441731



CAT 7 S-FTP installation cable, 1200 MHz Cca (EN 50575), AWG 23/1, 500 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.

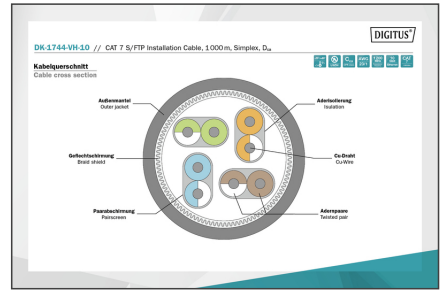
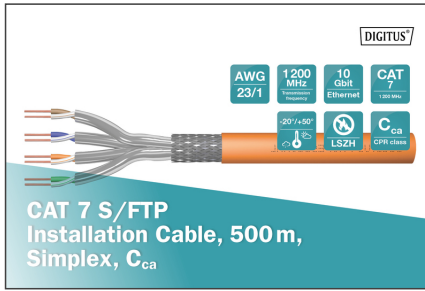
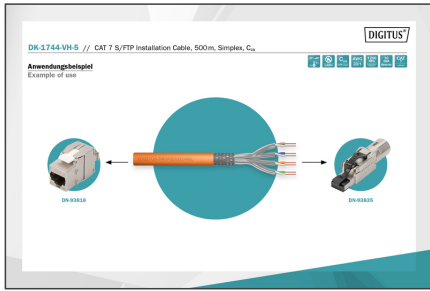
Future-oriented standards and high-end quality for your network.

- 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: 500 m
- Color: orange
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

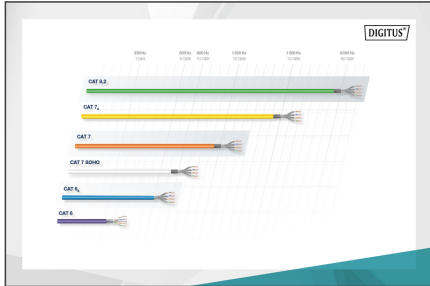
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	1	27.00	54.00	54.00	34.00	99,144.00
Packaging Unit Inside	1	27.00	54.00	54.00	34.00	99,144.00
Packaging Unit Single	1	27.00	54.00	54.00	34.00	99,144.00
Net single without Packaging	1	55.00	54.00	54.00	34.00	0.00

More images:



Produktinformationen Product Information		Physikalische Spezifikationen Physical Properties	
Hersteller Manufacturer	Digitus (China, Taiwan) Digitus (China, Taiwan)	Umfang Length	500m (1640ft)
Artikelnummer Part No.	DK-1744-VH-5	Leistungsfähigkeit Power Rating	100W
Material Material	LSZH	Temperaturbereich Temperature Range	-40°C to +85°C
Farbe Color	Orange	Flammverhalten Flame Retardancy	LSZH
Verpackung Packaging	500m (1640ft)	Umweltverträglichkeit Environmental Friendliness	RoHS

Leistungsmerkmale Performance Properties													
PAIRS	ACT	NEXT	PS NEXT	ACR	PL ACR	RL	ELFEXT	PS ELFEXT	ISL	ISL	ISL	ISL	ISL
1	2	3	4	5	6	7	8	9	10	11	12	13	14
10	12	14	16	18	20	22	24	26	28	30	32	34	36



GHz	Attenuation [dB/100m]	Attenuation [dB/1000m]
0.1	0.5	5.0
1.0	1.5	15.0
10.0	4.5	45.0
100.0	15.0	150.0
1000.0	45.0	450.0

