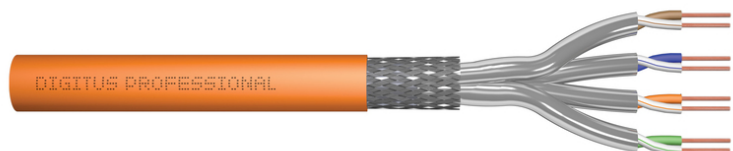


# DIGITUS Cat.7 S/FTP installation cable, 500 m, simplex, Cca-s1a d1 a1

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)

#### Attributes

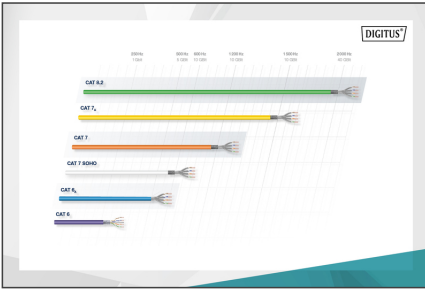
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Cca
- Length: 500 m
- Color: orange
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
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	0	55.00	54.00	54.00	34.00	99,144.00

More images:



CRS-Bewertung	Strukturklasse	Leiterschutzhülle (ZSH)	Art der Verankerung	Zertifizierung
B2ca	Sehr hoch	1+	• Schirmung • Typischerweise • Typischerweise • Typischerweise	S
C <sub>ca</sub>	Hoch		• Typischerweise	d
D <sub>ca</sub>	Mittel	3	• Typischerweise	a
E <sub>ca</sub>	Gering		• Typischerweise	
Low				
Beispiel	C <sub>ca</sub>	s1a	d1	a1



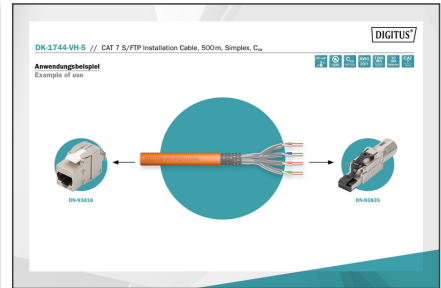
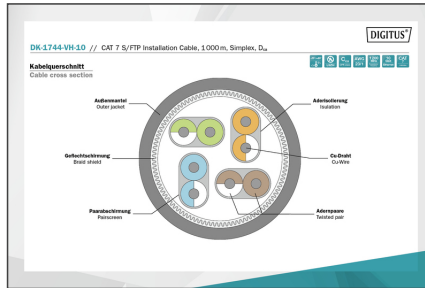
**Certificate**  
No. 26318-19-E  
Category 7

**Zertifikat**  
No. 26318-19  
Kategorie 7

**Beleg über die Güte, Kategorie 7 GDMT Type Approval**

PREQ	ATT	NEQ	PL/NEQ	ALQ	PL/ALQ	SL	PL/SL	PL/SL/EXT
100	95	90	85	80	75	70	65	60
100	95	90	85	80	75	70	65	60
100	95	90	85	80	75	70	65	60
100	95	90	85	80	75	70	65	60
100	95	90	85	80	75	70	65	60
100	95	90	85	80	75	70	65	60

Produktkennlinie/Produkt-Informationen	Physikalische Spezifikationen/Physical Properties
<b>Produktname</b> DK-1744-VH-10 // CAT 7 S/FTP Installation Cable, 1000m, Simplex, D <sub>ca</sub>	<b>Leiterschutzhülle</b> 100% Schirmung, 100% Abschirmung
<b>Leiterschutzhülle</b> 100% Schirmung, 100% Abschirmung	<b>Leiterschutzhülle</b> 100% Schirmung, 100% Abschirmung
<b>Leiterschutzhülle</b> 100% Schirmung, 100% Abschirmung	<b>Leiterschutzhülle</b> 100% Schirmung, 100% Abschirmung
<b>Leiterschutzhülle</b> 100% Schirmung, 100% Abschirmung	<b>Leiterschutzhülle</b> 100% Schirmung, 100% Abschirmung



**CAT 7 S/FTP Installation Cable, 500 m, Simplex, C<sub>ca</sub>**

- AWG 23/1
- 1200 MHz
- 10 Gbit Ethernet
- CAT 7 1000 Mbps
- 100/140°
- LSZH
- C<sub>ca</sub> CRP class

