

# DIGITUS Cat.7 S/FTP installation cable, 305 m, simplex, Dca-s1a,d0,a1

DK-1743-VH-305-MF-W  
EAN 4016032454557



### CAT 7 S-FTP installation cable, 305 m, box, 1200MH AWG 26/1, 600 MHz, Dca, LSZH-3, color RAL9003

The DIGITUS® Cat.7 S/FTP installation cable is characterized by the following cable construction 4x2x AWG 26/1 and reaches a transmission frequency up to 1200 MHz. The halogen free cable jacket is conform to the standard IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class Dca. The cable is suitable for laying in residential as well as SoHo areas.

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

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 26/1
- 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 wire braid
- Outer sheath: Dca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0.52 mm nominal
- Color: White (RAL 9003)
- 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 +75 °C
- Operating temperature range: -20 °C up to +50 °C

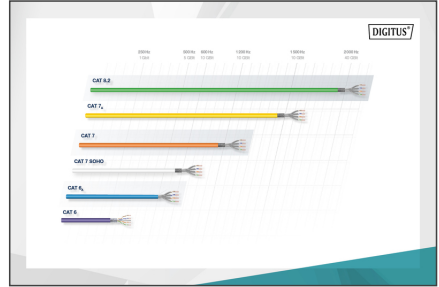
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 5.7 mm nominal
- Weight (kg/km): 35 kg/km
- Electrical properties:
- Impedance: 100±15Ohm @ 4 - 100MHz; 100±25Ohm @ 100 - 600MHz
- Capacitance: 45 pF/m nominal @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- 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: 25 nS/100 m max.
- Separating class: "d" acc. to EN 50174-2
- NVP: 79%
- Maximum operating length: 60 m
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- CPR: Dca
- Length: 305 m
- Color: white
- Jacket: LSOH
- Structure: 4 x 2 AWG 26/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	1	12.76	43.00	23.00	43.00	42,527.00
Packaging Unit Inside	1	12.76	43.00	23.00	43.00	42,527.00
Packaging Unit Single	1	12.76	43.00	23.00	43.00	42,527.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



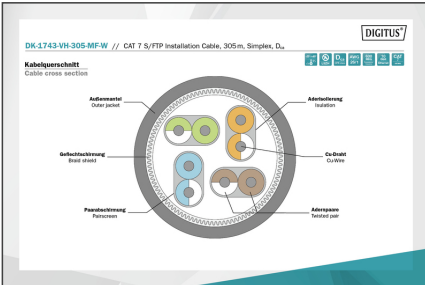
<b>EFT</b> Emitter	<b>Empfänger</b> Receiver	<b>Leitungserschaltung (PDU)</b> wiring of the conductor pairs	<b>Kabelbau der verbindenden Leiter</b> wiring of the conductive leads	<b>Abschirmung</b> Shielding	
<b>B2+</b>	Hoch hoch 1+	<ul style="list-style-type: none"> <li>• Symmetrisch</li> <li>• Kreuzschaltung</li> <li>• Kreuzschaltung</li> <li>• Hybrid 4/4/2/2</li> <li>• Hybrid 4/2/4/2</li> <li>• Hybrid 2/4/2/4</li> <li>• Hybrid 2/2/4/4</li> </ul>	<ul style="list-style-type: none"> <li>• Symmetrisch</li> <li>• Kreuzschaltung</li> <li>• Kreuzschaltung</li> <li>• Hybrid 4/4/2/2</li> <li>• Hybrid 4/2/4/2</li> <li>• Hybrid 2/4/2/4</li> <li>• Hybrid 2/2/4/4</li> </ul>	<b>S</b>	
<b>C<sub>ca</sub></b>	Hoch HF			<b>d</b>	
<b>D<sub>ca</sub></b>	Niedrig			<b>a</b>	
<b>E<sub>ca</sub></b>	Ersting				
<b>Impedanz</b>	<b>C<sub>ca</sub></b>	<b>s1a</b>	<b>d1</b>	<b>a1</b>	



<b>Certificate</b> No. 164336-13-4	<b>Zertifikat</b> Nr. 164336-13-4
Category 7	Kategorie 7
<b>GHMT Type Approval</b>	<b>GHMT Type Approval</b>

Leitungserschaltung		Transmitter Properties									
MHz	Att	NC1	PS NC1	AM	FM AM	FM	SL	SECF	PS SECF	AM	FM
1	33	30	30	28	28	28	28	28	28	28	28
50	33	30	30	28	28	28	28	28	28	28	28
100	30	27	27	25	25	25	25	25	25	25	25
200	27	24	24	22	22	22	22	22	22	22	22
300	24	21	21	19	19	19	19	19	19	19	19
400	21	18	18	16	16	16	16	16	16	16	16
500	18	15	15	13	13	13	13	13	13	13	13

Physikalische Eigenschaften	Physikalische Eigenschaften
<b>Leitungserschaltung</b> Wiring	<b>Leitungserschaltung</b> Wiring
<b>Leitungserschaltung</b> Wiring	<b>Leitungserschaltung</b> Wiring
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**CAT 7 S/FTP Installation Cable, 305 m, Simplex, D<sub>ca</sub>**

AWG 26/1, 600 MHz, 10 Gbit Ethernet, CAT 7, 200°C/260°C, LSZH, D<sub>ca</sub> CPR class

