

# DIGITUS® CAT 7 S/FTP data cable - 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 1200 MHz, AWG 26/1, Dca, LSZH-3, color RAL9003

The Digitus® Cat.7 S/FTP installation cable is designed for use in structured data center & building cabling in accordance with ISO/IEC 11801, DIN EN 50173, IEC 61156-7, EN 50288-9-1. Ideally suited for the transmission of analog and digital data, audio, video, signal transmission, 10 Gbit Ethernet, POE and POE+. The shield structure consists of individually 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 copper wire, AWG 26/1
- Insulation: SFS-PE (foamed polyethylene jacket)
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: Aluminum-laminated polyester film, covers 100%
- Overall shielding: copper braiding
- Outer sheath: Dca acc. to EN 50575; LSZH
- Outer sheath thickness (nominal): 0.52 mm nominal
- Outer casing color: White (RAL 9003)
- Mechanical properties:
- Strain relief: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +60 °C
- Operating temperature range: -20 °C to +50 °C

- Installation temperature range: 0 °C to +50 °C
- Outer 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. unbalanced resistance)
- Loop resistance: 190 Ohm/Km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling attenuation: CA-Type 1b
- Phase delay: 450 nS/100 m max.
- Time delay: 25 nS/100 m max.
- Separation class: "d" according to EN 50174-2
- Maximum length: 60 m
- NVP: 79%
- Flame spread: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosiveness: EN 60754-1/2 (LSOH)
- Smoke density EN 61034-2

### Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 305 m
- Color: white
- Jacket: LSOH
- Structure: 4 x 2 AWG 26/1, solid twisted pair

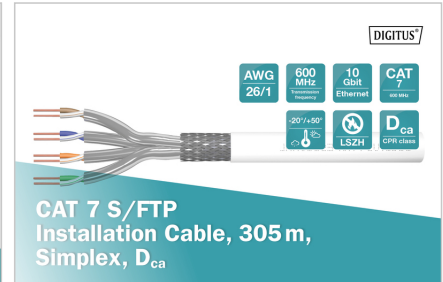
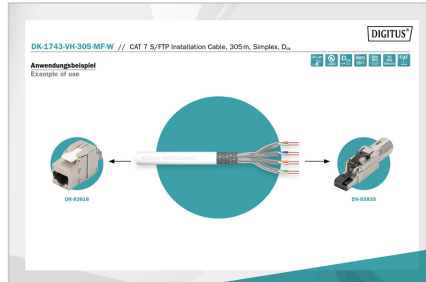
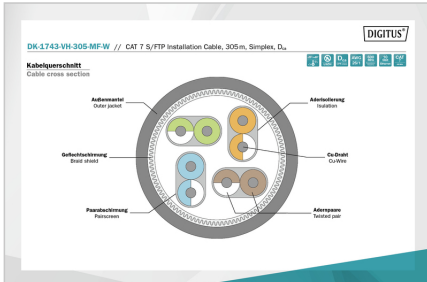
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	12.76	43.00	23.00	43.00	42,527.00
Packaging Unit Inside	1	12.76	43.00	23.00	43.00	42,527.00
Packaging Unit Single	1	12.76	43.00	23.00	43.00	42,527.00
Net single without Packaging	1	11.82	43.00	23.00	43.00	42,527.00

More images:



Parameter	IEC	ISO	IEC	ISO	IEC	ISO	IEC	ISO	IEC	ISO
1	10	10	10	10	10	10	10	10	10	10
2	15	15	15	15	15	15	15	15	15	15
3	20	20	20	20	20	20	20	20	20	20
4	25	25	25	25	25	25	25	25	25	25
5	30	30	30	30	30	30	30	30	30	30
6	35	35	35	35	35	35	35	35	35	35
7	40	40	40	40	40	40	40	40	40	40
8	45	45	45	45	45	45	45	45	45	45
9	50	50	50	50	50	50	50	50	50	50
10	55	55	55	55	55	55	55	55	55	55
11	60	60	60	60	60	60	60	60	60	60
12	65	65	65	65	65	65	65	65	65	65
13	70	70	70	70	70	70	70	70	70	70
14	75	75	75	75	75	75	75	75	75	75
15	80	80	80	80	80	80	80	80	80	80
16	85	85	85	85	85	85	85	85	85	85
17	90	90	90	90	90	90	90	90	90	90
18	95	95	95	95	95	95	95	95	95	95
19	100	100	100	100	100	100	100	100	100	100
20	105	105	105	105	105	105	105	105	105	105
21	110	110	110	110	110	110	110	110	110	110
22	115	115	115	115	115	115	115	115	115	115
23	120	120	120	120	120	120	120	120	120	120
24	125	125	125	125	125	125	125	125	125	125
25	130	130	130	130	130	130	130	130	130	130
26	135	135	135	135	135	135	135	135	135	135
27	140	140	140	140	140	140	140	140	140	140
28	145	145	145	145	145	145	145	145	145	145
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35	180	180	180	180	180	180	180	180	180	180
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37	190	190	190	190	190	190	190	190	190	190
38	195	195	195	195	195	195	195	195	195	195
39	200	200	200	200	200	200	200	200	200	200
40	205	205	205	205	205	205	205	205	205	205
41	210	210	210	210	210	210	210	210	210	210
42	215	215	215	215	215	215	215	215	215	215
43	220	220	220	220	220	220	220	220	220	220
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45	230	230	230	230	230	230	230	230	230	230
46	235	235	235	235	235	235	235	235	235	235
47	240	240	240	240	240	240	240	240	240	240
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49	250	250	250	250	250	250	250	250	250	250
50	255	255	255	255	255	255	255	255	255	255
51	260	260	260	260	260	260	260	260	260	260
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60	305	305	305	305	305	305	305	305	305	305
61	310	310	310	310	310	310	310	310	310	310
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63	320	320	320	320	320	320	320	320	320	320
64	325	325	325	325	325	325	325	325	325	325
65	330	330	330	330	330	330	330	330	330	330
66	335	335	335	335	335	335	335	335	335	335
67	340	340	340	340	340	340	340	340	340	340
68	345	345	345	345	345	345	345	345	345	345
69	350	350	350	350	350	350	350	350	350	350
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71	360	360	360	360	360	360	360	360	360	360
72	365	365	365	365	365	365	365	365	365	365
73	370	370	370	370	370	370	370	370	370	370
74	375	375	375	375	375	375	375	375	375	375
75	380	380	380	380	380	380	380	380	380	380
76	385	385	385	385	385	385	385	385	385	385
77	390	390	390	390	390	390	390	390	390	390
78	395	395	395	395	395	395	395	395	395	395
79	400	400	400	400	400	400	400	400	400	400
80	405	405	405	405	405	405	405	405	405	405
81	410	410	410	410	410	410	410	410	410	410
82	415	415	415	415	415	415	415	415	415	415
83	420	420	420	420	420	420	420	420	420	420
84	425	425	425	425	425	425	425	425	425	425
85	430	430	430	430	430	430	430	430	430	430
86	435	435	435	435	435	435	435	435	435	435
87	440	440	440	440	440	440	440	440	440	440
88	445	445	445	445	445	445	445	445	445	445
89	450	450	450	450	450	450	450	450	450	450
90	455	455	455	455	455	455	455	455	455	455
91	460	460	460	460	460	460	460	460	460	460
92	465	465	465	465	465	465	465	465	465	465
93	470	470	470	470	470	470	470	470	470	470
94	475	475	475	475	475	475	475	475	475	475
95	480	480	480	480	480	480	480	480	480	480
96	485	485	485	485	485	485	485	485	485	485
97	490	490	490	490	490	490	490	490	490	490
98	495	495	495	495	495	495	495	495	495	495
99	500	500	500	500	500	500	500	500	500	500
100	505	505	505	505	505	505	505	505	505	505

Product Information	Physical Specifications
<b>Product Name:</b> CAT 7 S/FTP Installation Cable, 305m, Simplex, D <sub>ca</sub> <b>Part Number:</b> DK-1743-VH-305-MF-W <b>Manufacturer:</b> Digitus <b>Material:</b> PVC, Copper, Gold Plated <b>Color:</b> White <b>Length:</b> 305m <b>Weight:</b> 1.5kg <b>Dimensions:</b> 10mm x 10mm x 10mm <b>RoHS:</b> Compliant <b>REACH:</b> Compliant	<b>Category:</b> CAT 7 <b>Speed:</b> 10 Gbit/s <b>Frequency:</b> 600 MHz <b>Shielding:</b> S/FTP <b>Conductors:</b> 4 <b>Impedance:</b> 100 Ohm <b>Temperature Range:</b> -40°C to +75°C <b>Humidity:</b> 10% to 90% <b>Flammability:</b> LSZH <b>RoHS:</b> Compliant <b>REACH:</b> Compliant



IEC	ISO	IEC	ISO	IEC	ISO
1	10	10	10	10	10
2	15	15	15	15	15
3	20	20	20	20	20
4	25	25	25	25	25
5	30	30	30	30	30
6	35	35	35	35	35
7	40	40	40	40	40
8	45	45	45	45	45
9	50	50	50	50	50
10	55	55	55	55	55
11	60	60	60	60	60
12	65	65	65	65	65
13	70	70	70	70	70
14	75	75	75	75	75
15	80	80	80	80	80
16	85	85			

**EU responsible person**

EU based economic operator ensuring the product complies with the required regulations.

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