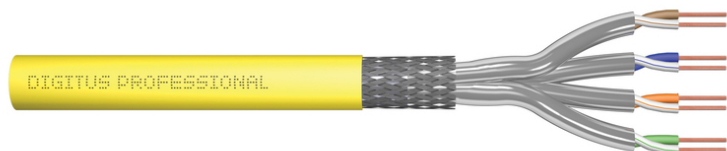


# DIGITUS Cat.7A S/FTP, installation cable, 500 m, simplex, Cca

DK-1744-A-VH-5  
EAN 4016032441670



### CAT 7A S-FTP installation cable, 1500 MHz Cca (EN 50575), AWG 22/1, 500 m drum,

The Digitus Cat 7 installation cable is designed for use in structured data centers and building cabling in accordance with ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 61156-7, EN 50288-9-1. The cable is ideal for the transmission of analog and digital data and supports 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 22/1
- System(s) for the assessment and verification of constancy of performance: System 3
- 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: tinned copper braiding
- Outer sheath: Cca acc. to EN 50575; LSZH
- Outer sheath thickness (nominal): 0.60 mm (Cca)
- Outer sheath color: Yellow (RAL 1028)

- Mechanical properties:
- Strain relief: 150 N 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 +60 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter (nominal): 7.8 mm (Cca)
- Weight (kg/km): 65 kg (Cca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-1000 MHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- Loop resistance: 147 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: 10 nS/100 m max.
- Separation class: "d" according to EN 50174-2
- NVP: 79%
- Flame spread: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosiveness: EN 60754-1/2 (LSOH)
- Smoke density: EN 61034-2

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	4	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	0	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	35.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	33.00	0.00	0.00	0.00	0.00

More images:

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CAT 7A S/FTP Installation Cable, 500m, Simplex, C...

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100MHz C<sub>23</sub> 22/1 1500MHz 10Gbit/s CA7A/100  
 Low Smoke Zero-Halogen CPE Class AWG Transmission Frequency Ethernet Category

200m 150m 100m 50m 25m  
 1500m 1000m 500m 250m 125m

CAT 8.2  
 CAT 7A  
 CAT 7  
 CAT 6A  
 CAT 6

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Cat. 7A		Cat. 7		Cat. 6E		Cat. 6		Cat. 5E	
Pair	dB	Pair	dB	Pair	dB	Pair	dB	Pair	dB
1-2	20	1-2	19	1-2	18	1-2	17	1-2	16
3-4	20	3-4	19	3-4	18	3-4	17	3-4	16
5-6	20	5-6	19	5-6	18	5-6	17	5-6	16
7-8	20	7-8	19	7-8	18	7-8	17	7-8	16
9-10	20	9-10	19	9-10	18	9-10	17	9-10	16
11-12	20	11-12	19	11-12	18	11-12	17	11-12	16
13-14	20	13-14	19	13-14	18	13-14	17	13-14	16
15-16	20	15-16	19	15-16	18	15-16	17	15-16	16
17-18	20	17-18	19	17-18	18	17-18	17	17-18	16
19-20	20	19-20	19	19-20	18	19-20	17	19-20	16
21-22	20	21-22	19	21-22	18	21-22	17	21-22	16
23-24	20	23-24	19	23-24	18	23-24	17	23-24	16
25-26	20	25-26	19	25-26	18	25-26	17	25-26	16
27-28	20	27-28	19	27-28	18	27-28	17	27-28	16
29-30	20	29-30	19	29-30	18	29-30	17	29-30	16
31-32	20	31-32	19	31-32	18	31-32	17	31-32	16
33-34	20	33-34	19	33-34	18	33-34	17	33-34	16
35-36	20	35-36	19	35-36	18	35-36	17	35-36	16
37-38	20	37-38	19	37-38	18	37-38	17	37-38	16
39-40	20	39-40	19	39-40	18	39-40	17	39-40	16
41-42	20	41-42	19	41-42	18	41-42	17	41-42	16
43-44	20	43-44	19	43-44	18	43-44	17	43-44	16
45-46	20	45-46	19	45-46	18	45-46	17	45-46	16
47-48	20	47-48	19	47-48	18	47-48	17	47-48	16
49-50	20	49-50	19	49-50	18	49-50	17	49-50	16
51-52	20	51-52	19	51-52	18	51-52	17	51-52	16
53-54	20	53-54	19	53-54	18	53-54	17	53-54	16
55-56	20	55-56	19	55-56	18	55-56	17	55-56	16
57-58	20	57-58	19	57-58	18	57-58	17	57-58	16
59-60	20	59-60	19	59-60	18	59-60	17	59-60	16
61-62	20	61-62	19	61-62	18	61-62	17	61-62	16
63-64	20	63-64	19	63-64	18	63-64	17	63-64	16
65-66	20	65-66	19	65-66	18	65-66	17	65-66	16
67-68	20	67-68	19	67-68	18	67-68	17	67-68	16
69-70	20	69-70	19	69-70	18	69-70	17	69-70	16
71-72	20	71-72	19	71-72	18	71-72	17	71-72	16
73-74	20	73-74	19	73-74	18	73-74	17	73-74	16
75-76	20	75-76	19	75-76	18	75-76	17	75-76	16
77-78	20	77-78	19	77-78	18	77-78	17	77-78	16
79-80	20	79-80	19	79-80	18	79-80	17	79-80	16
81-82	20	81-82	19	81-82	18	81-82	17	81-82	16
83-84	20	83-84	19	83-84	18	83-84	17	83-84	16
85-86	20	85-86	19	85-86	18	85-86	17	85-86	16
87-88	20	87-88	19	87-88	18	87-88	17	87-88	16
89-90	20	89-90	19	89-90	18	89-90	17	89-90	16
91-92	20	91-92	19	91-92	18	91-92	17	91-92	16
93-94	20	93-94	19	93-94	18	93-94	17	93-94	16
95-96	20	95-96	19	95-96	18	95-96	17	95-96	16
97-98	20	97-98	19	97-98	18	97-98	17	97-98	16
99-100	20	99-100	19	99-100	18	99-100	17	99-100	16

**DK-1744-A-VH-5**  
CAT 7A S/FTP Installation Cable, 500m, Simplex, C...

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Product Information		Technical Specifications	
Product Name	DK-1744-A-VH-5	Product Code	DK-1744-A-VH-5
Manufacturer	DIGITUS	Material	PVC
Length	500m	Weight	~1.5kg
Category	CAT 7A	Shielding	Aluminum Foil
Standard	ISO/IEC 11801-2	Conductivity	~100000 S/m
Compliance	RoHS, REACH	Flammability	LSZH
Application	Network	Temperature Range	-20°C to 70°C
Storage	Indoor	Humidity	10% to 90%
Warranty	3 Years	Lead Time	~2 Weeks

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 Low Smoke Zero-Halogen CPE Class AWG Transmission Frequency Ethernet Category

DK-50615 DK-93887

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Outer jacket Polyurethane  
 Insulation Polyurethane  
 Shield shield Copper/Aluminum  
 Twisted pair Copper  
 Polyurethane Insulation  
 Twisted pair Polyurethane