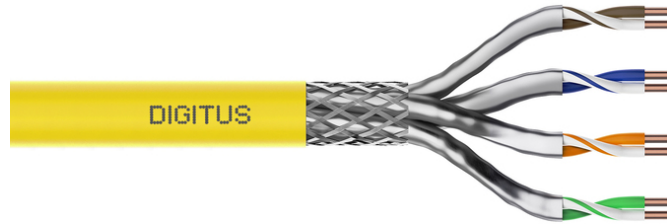


# DIGITUS® CAT 7A S/FTP data cable - installation cable, 1000 m, simplex, Dca-s1a d1 a1, GHMT PVP certified

DK-1743-A-VH-10

EAN 4016032363859



## CAT 7A S-FTP installation cable, 1500 MHz Dca (EN 50575), AWG 22/1, 1000 m drum, sx, yellow

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, PoE+, 4PPoE (IEEE 802.3af;3at;3bt). 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) of 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: Dca-s1a d1 a1 according to EN 50575; LSZH
- Outer sheath thickness (nominal): 0.60 mm (Dca); 0.60 mm (Cca)
- Outer sheath color: Yellow (RAL 1016)
- Mechanical properties:
- Tensile load: 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 +60 °C
- Installation temperature range: 0 to +50C
- Outer diameter (nominal): 7.8 mm (Dca); 7.8 mm (Cca)
- Weight (kg/km): 65 kg (Dca); 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

### Attributes

- Asortiman: Instalacijski kabeli s upredenim paricama
- Kategorija: CAT 7A
- Oklop: S-FTP, oklop parova u metalnoj foliji i pletenica
- CPR: Dca
- Duljina: 1000 m
- Boja: žuti
- Kapica: LSOH
- Struktura: 4 x 2 AWG 22/1, kruto upletena parica

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	1	68.00	53.00	53.00	43.50	122,192.00
Packaging Unit Inside	1	68.00	53.00	53.00	43.50	122,192.00
Packaging Unit Single	1	68.00	53.00	53.00	43.50	122,192.00
Net single without Packaging	0	68.00	0.00	0.00	0.00	0.00

More images:



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**CRP System**  
 Die geschichtete  
 Leiterstruktur

**Dielektrische Struktur**  
 Dielektrische Struktur

**Leitungsstruktur (AWG)**  
 Leiterstruktur

**Adaptieren der verschiedenen Leiter**  
 Leiterstruktur

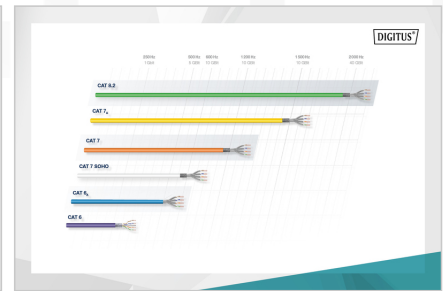
**Strukturierung**  
 Strukturierung

**B2ca** (Shielded Twisted Pair)  
**Cca** (Shielded Coaxial)  
**Dca** (Shielded Double Coaxial)  
**Eca** (Shielded Ethernet)

**1+**  
**3**

**1500 MHz**  
**40 Gbit Ethernet**  
**CAT 7a**  
**Dca**  
**CRP class**

**s1a** **d1** **a1**



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**Leitungsstruktur Transmission Properties**

AWG	ST	ST	ST	ST	ST	ST	ST	ST	ST
1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
11	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
12	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
13	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
14	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
15	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
16	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
17	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
18	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
19	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
20	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
22	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
24	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
26	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
28	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
30	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
32	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
34	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
36	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
38	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
40	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
42	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
44	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
46	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
48	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
50	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
52	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
54	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
56	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
58	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
60	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
62	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
64	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
66	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
68	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
70	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
72	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
74	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
76	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
78	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
80	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
82	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
84	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
86	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
88	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
90	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
92	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
94	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
96	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
98	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
100	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0

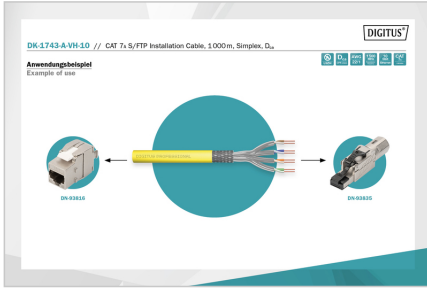
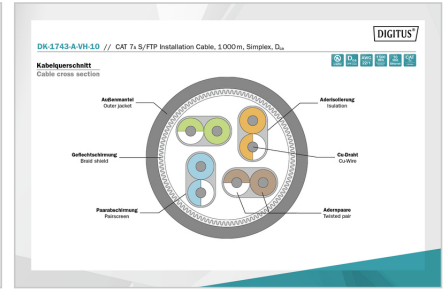
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**Produktions- und Produktinformationen**

**Technische Eigenschaften**

**Physikalische Eigenschaften**

**Mechanische Eigenschaften**



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**CAT 7A S/FTP Installation Cable, 1000 m, Simplex, Dca**

**1500 MHz**  
**40 Gbit Ethernet**  
**CAT 7a**

**AWG 22/1**  
**LSZH**  
**Dca**  
**CRP class**

Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

EU responsible person

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

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