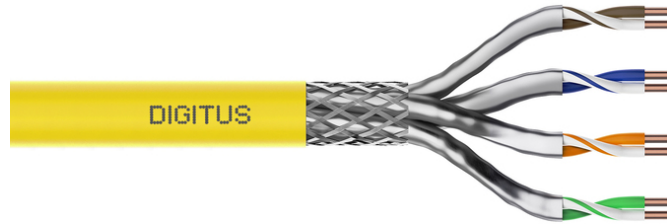


# DIGITUS® CAT 7A S/FTP data cable - installation cable, 1000 m, simplex, Dca-sla d1 a1, GHMT PVP certified

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-sla 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

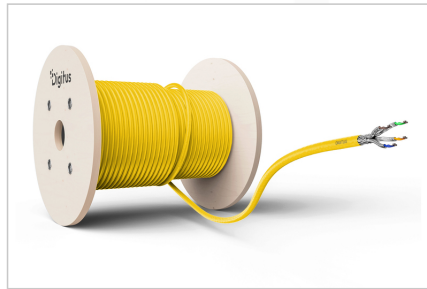
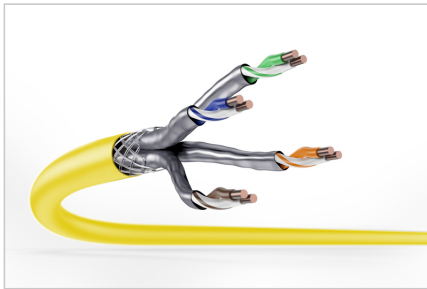
- Operating temperature range: -20 °C to +60 °C
- Installation temperature range: 0 to +50C
- Outer diameter (nominal): 7.8 mm (Dca); 7.8 mm (Cca)
- Weight (kg/km): 65 kg (Dca); 65 kg (Cca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-1000 MHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance 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

- Assortment: Twisted Pair Installation Cables
- Category: CAT 7A
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 1000 m
- Color: yellow
- Jacket: LSOH
- Structure: 4 x 2 AWG 22/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	1	64.60	55.00	55.00	45.00	136,125.00
Packaging Unit Inside	1	64.60	53.00	53.00	43.50	122,192.00
Packaging Unit Single	1	64.60	55.00	55.00	45.00	136,125.00
Net single without Packaging	1	64.19	55.00	55.00	45.00	136,125.00

More images:



1500 MHz

10 Cat 7

CAT 7A

AWG 22/1

LSZH

Dca

**CAT 7A S/FTP**  
Installation Cable, 1000m,  
Simplex, D<sub>ca</sub>

DK-1743-A-VH-10 // CAT 7A S/FTP Installation Cable, 1000m, Simplex, D<sub>ca</sub>

**Anwendungsbeispiel**  
Example of use

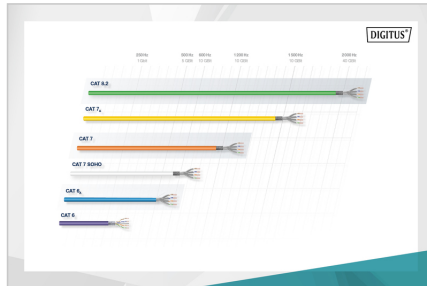
DK-1743-A-VH-10 // CAT 7A S/FTP Installation Cable, 1000m, Simplex, D<sub>ca</sub>

**Kabelquerschnitt**  
Cable cross section

Produktdaten Product Information	Physikalische Spezifikationen Physical Properties
<b>Hersteller</b> Heng Guan Electronics (Shenzhen) Co., Ltd. <b>Produktname</b> CAT 7A S/FTP Installation Cable, 1000m, Simplex, D <sub>ca</sub> <b>Part No.</b> DK-1743-A-VH-10	<b>Leiter</b> Bare conductors <b>Leitung</b> Bare conductors <b>Leitung</b> Bare conductors
<b>Material</b> PVC <b>Material</b> PVC <b>Material</b> PVC	<b>Leitung</b> Bare conductors <b>Leitung</b> Bare conductors <b>Leitung</b> Bare conductors
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**Leistungsparameter, Transmission Properties**

PROZ.	NETZ	NETZ	PER NETZ	ACH	PER ACH	PA	PER PA	PER NETZ	PER NETZ
1	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10
100	100	100	100	100	100	100	100	100	100
1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
10000	10000	10000	10000	10000	10000	10000	10000	10000	10000



CEP System	Standard	Leistungsfähigkeit (dB)	Leistungsfähigkeit (dB)	Leistungsfähigkeit (dB)	Leistungsfähigkeit (dB)
B2ca	High	1+	1+	1+	1+
Cca	High	3	3	3	3
Dca	Medium	3	3	3	3
Eca	Low	3	3	3	3

**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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