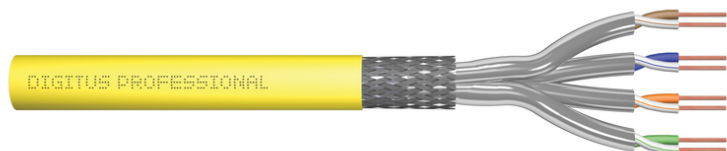


# DIGITUS Cat.7A S/FTP installation cable, 1000 m, simplex, Dca-s1a d1 a1

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 the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 61156-7, EN 50288-9-1. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE and POE+. The shielding structure is composed of single shielded pairs with a tinned copper braid, which ensures excellent shielding and electrical values.

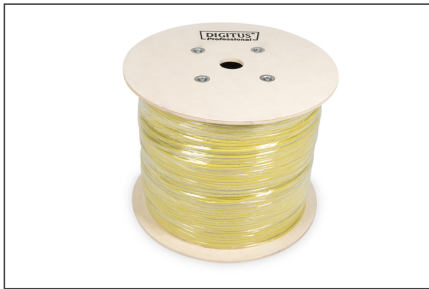
#### Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 22/1
- System/s of AVCP: AVCP 3
- 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 tinned braid
- Outer sheath: Dca-s1a d1 a1 acc. EN 50575; LSZH
- Outer sheath diameter (nominal): 0,60 mm (Dca); 0,60 mm (Cca)
- Outer sheath color: Yellow (RAL 1028)
- 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 +60°C

- Operating temperature range: -20 °C up to +60 °C
- Temperature installation range: 0°C to +50°C
- Overall diameter Simplex (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-ground): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC loop resistance: 147 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: 10 nS/100 m max.
- Separating class: "d" acc. 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
- 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)	cm³
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	1	67.59	53.00	53.00	43.50	122,192.00

More images:



**DIGITUS**

1500 MHz  
Transmission

10 Gbit Ethernet

CAT 7A  
1000m

AWG 22/1

LSZH

Dca  
CPR class

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

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

Anwendungsbispiel  
Example of use

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

Kabelquerschnitt  
Cable cross section

Labels: Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket)

**DIGITUS**

**Produktdatenblatt Product Information**

**Elektrische Eigenschaften Electrical Properties**

**Mechanische Eigenschaften Mechanical Properties**

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**Leistungsmerkmale Transmission Properties**

Length	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Attenuation	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Return Loss	15	14	13	12	11	10	9	8	7	6

**DIGITUS**

**Certificate**  
No. 100074231

**Zertifikat**  
No. 100074231

Class G

Class G

**DIGITUS**

CAT 8.1  
CAT 7  
CAT 7 S/FTP  
CAT 6  
CAT 5

**DIGITUS**

**CE System**

**B2ca** (Very High)

**Cca** (High)

**Dca** (Medium)

**Eca** (Low)

**Score Points**: Cca, sta, d1, a1

