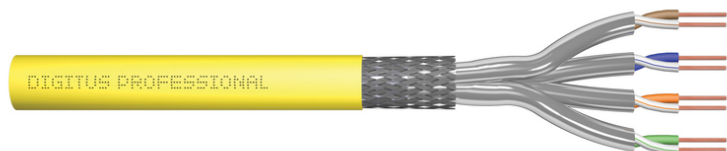


# DIGITUS Cat. 7A S/FTP installation cable, 100 m, simplex, Dca-s1a d1 a1

DK-1743-A-VH-1  
EAN 4016032462828



### CAT 7A S-FTP installation cable, 1500 MHz Dca, AWG 22/1, 100 m ring, 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.

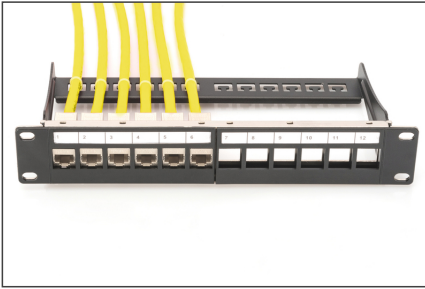
#### Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare 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 a1acc. to EN 50575; LSZH
- Outer sheath thickness (nominal): 0.60 mm (Dca); 0.60 mm (Cca)
- Outer sheath color: Yellow (RAL 1028)
- 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 +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
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7A
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 100 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	5.68	28.00	28.00	16.00	12,544.00
Packaging Unit Inside	1	5.68	28.00	28.00	16.00	12,544.00
Packaging Unit Single	1	5.68	28.00	28.00	16.00	12,544.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



**DIGITUS**

1500 MHz  
10 Gbit Ethernet  
CAT 7e  
1.000 MHz

AWG 22/1  
LSZH  
D Ca  
CPE class

**CAT 7e S/FTP Installation Cable, 100 m, Simplex, D<sub>Ca</sub>**

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DK.1743-A-VH-1 // CAT 7e S/FTP Installation Cable, 100m, Simplex, D<sub>Ca</sub>

Anwendungsbeispiel  
Example of use

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Kabelquerschnitt  
Cable cross section

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**Produktdatenblatt Produkt Information**

**Physikalische Spezifikationen Physical Properties**

**Technische Spezifikationen Technical Properties**

**Mechanische Spezifikationen Mechanical Properties**

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**Leistungsparameter Transmission Properties**

FRF15	ATT	NEXT	PS NEXT	ACR	PS ACR	RL	SLRXT	PS SLRXT
100	28	46	46	26	26	46	28	28
1	15	15	15	15	15	15	15	15
10	42	110	107	104	103	52	59	59
100	164	110	107	104	103	162	100	100
200	243	105	102	101	100	143	100	100
300	30	100	100	75	75	100	100	100
400	102	100	97	102	102	100	100	100
1000	35	92	92	45	45	102	100	100
10000	100	80	80	101	101	102	100	100
100000	80	75	75	75	75	102	100	100

Abstandswert: 1000 MHz (Standard-Link-Distanz) bis 100 MHz

**GHMT**

**Certificate**  
No. 184318-18-1

**Zertifikat**  
No. 184318-18

Category 7

GHMT Type Approval

**GHMT**

**Certificate**  
No. 184318-21

**Zertifikat**  
No. 184318-21

Class E

GHMT Type Approval

**DIGITUS**

**DIGITUS**

**GHMT**

**GHMT Type Approval**

Category 7

GHMT Type Approval

