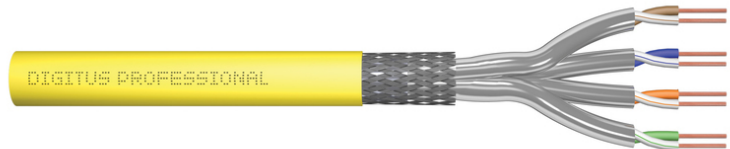


# DIGITUS® CAT 7A S/FTP data cable - installation cable, 500 meters, simplex, B2ca-s1a,d0,a1, GHMT PVP certified

DK-1745-A-VH-5

EAN 4016032435921



## CAT 7A S-FTP installation cable, 1500 MHz B2ca (EN 50575), AWG 22/1, 500 m drum, Sx, yellow

The Digitus® CAT 7 S/FTP installation cable is designed for use in structured data center & building cabling in accordance with ISO/IEC 11801, DIN EN 50173, IEC 61156-7, EN 50288-9-1. Ideally suited for the transmission of analog and digital, data, audio and video signal transmission, 10 Gbit Ethernet, 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
- 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: copper braiding
- Outer sheath: B2ca-s1a,d0,a1 according to EN 50575; LSZH
- Outer sheath thickness (nominal): 0.50 mm (Eca); 0.52 mm (Dca); 0.60 mm (Cca); 0.60 (B2ca)
- 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 +50 °C
- Installation temperature range: 0 °C to +50 °C

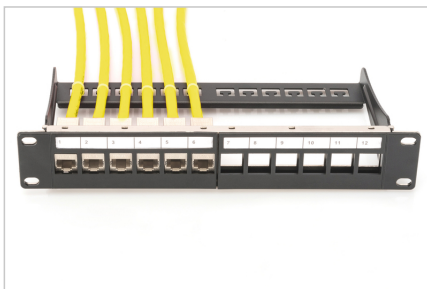
- Outer diameter simplex (nominal): 7.0 mm (Eca); 7.2 mm (Dca); 7.5 mm (Cca); 7.5 mm (B2ca)
- Weight (kg/km): 49.5 kg (Eca); 51 kg (Dca), 53 kg (Cca); 53 kg (B2ca)
- RAL 1016
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. unbalanced resistance)
- Loop resistance: 190 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: B2ca
- Length: 500 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	33.57	55.00	55.00	22.50	68,062.50	
Packaging Unit Inside	1	33.57	55.00	55.00	22.50	68,062.50	
Packaging Unit Single	1	33.57	55.00	55.00	22.50	68,062.50	
Net single without Packaging	1	33.23	55.00	55.00	22.50	68,062.50	

More images:



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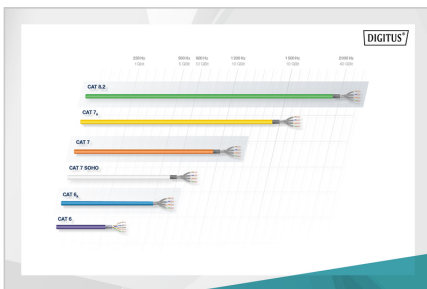
CE Konformitätserklärung  
 Produktname: CAT 7 S/FTP Installation Cable  
 Produkttyp: CAT 7 S/FTP Installation Cable  
 Hersteller: Digitus Professional

Technische Eigenschaften:  
 • Symmetrisch  
 • Hochgeschwindigkeit  
 • Hohe Flexibilität  
 • Hohe Flexibilität  
 • Hohe Flexibilität

Abmessungen:  
 • 19" Standard-Rackbreite  
 • 1200 mm Länge  
 • 48 mm Höhe  
 • 120 mm Tiefe

Material:  
 • CAT 7 S/FTP  
 • RJ45  
 • RJ45

Abmessungen:  
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**DIGITUS Professional**

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**DIGITUS**

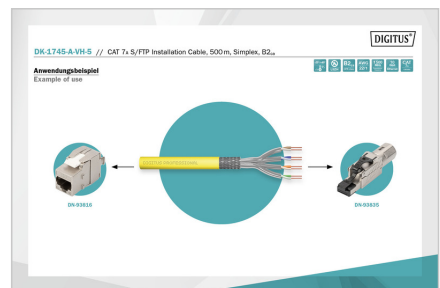
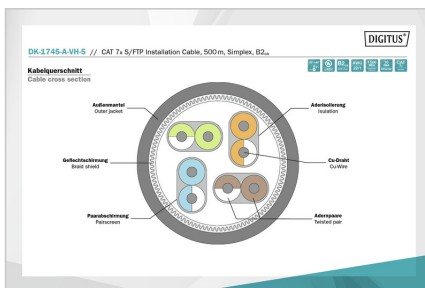
Leistungsleistungstechnische Eigenschaften

FREQ.	AT	NEXT	PS NEXT	ACR	PS ACR	RL	SLR/ST	PS/SLR/ST
1	11	17	17	17	17	17	17	17
10	12	17	17	17	17	17	17	17
100	14	17	17	17	17	17	17	17
1000	14	17	17	17	17	17	17	17
10000	14	17	17	17	17	17	17	17
100000	14	17	17	17	17	17	17	17
1000000	14	17	17	17	17	17	17	17
10000000	14	17	17	17	17	17	17	17
100000000	14	17	17	17	17	17	17	17
1000000000	14	17	17	17	17	17	17	17

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Technische Eigenschaften / Physical Properties

AWG: 22/1  
 1500 MHz  
 10 Gbit Ethernet  
 CAT 7a  
 19" Standard-Rackbreite  
 1200 mm Länge  
 48 mm Höhe  
 120 mm Tiefe



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AWG 22/1  
 1500 MHz  
 10 Gbit Ethernet  
 CAT 7a  
 19" Standard-Rackbreite  
 1200 mm Länge  
 48 mm Höhe  
 120 mm Tiefe

CAT 7a S/FTP Installation Cable, 500m, Simplex, B2<sub>ca</sub>



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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