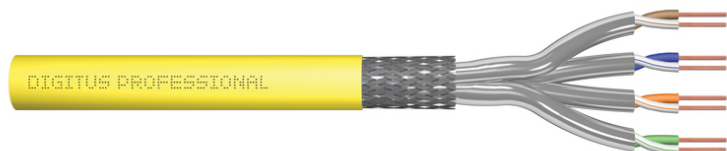


# DIGITUS CAT 7A S/FTP installation cable, 500 m, Simplex, B2ca

DK-1745-A-VH-5  
EAN 4016032435921



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

Digitus Cat 7A 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. Excellent for transmission of analog and digital, data, audio, video, signal transmission, 10 Gbit Ethernet, POE+. The shield structure consists of single shielded pairs with a tinned copper braid, which ensures excellent shielding and electrical values.

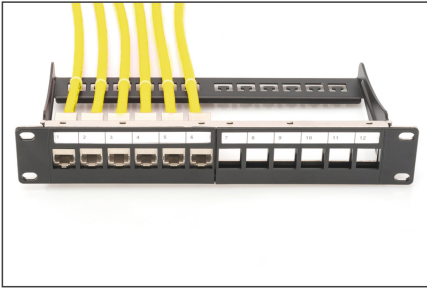
**DIGITUS® CAT 7A S/FTP installation cable 4x2x AWG22/1 up to 1500 MHz. The halogen-free cable sheath complies with the standards IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class B2ca. Complies with ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.**

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 22/1
- 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 braid
- Outer sheath: Eca to B2ca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0,50 mm (Eca); 0,52 mm (Dca); 0,60 mm (Cca); 0,60 (B2ca)
- 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 +50 °C

- Installation temperature range: 0 °C up to +50 °C
- Overall 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)
- 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-ground): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. resistance unbalance)
- DC loop resistance: 190 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: 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)	cm³
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	0.00	0.00	0.00	0.00	0.00

More images:



**DK-1745-A-VHS // CAT 7 S/FTP Installation Cable, 500m, Simplex, B2ca**

**Anwendungsbeispiel**  
Example of use

**DK-1745-A-VHS // CAT 7 S/FTP Installation Cable, 500m, Simplex, B2ca**

**Kabelquerschnitt**  
Cable cross section

**Produktinformationen Product Information**

Technische Daten	Physikalische Spezifikationen Physical Properties
Produktname: CAT 7 A S/FTP Installation Cable, 500m, Simplex, B2ca Artikelnummer: 1745-A-VHS Hersteller: DIGITUS Professional	Leiter: Silber-Plattiert Isolierung: PVC Drahtgröße: AWG 22/1 Drahtanzahl: 7 Drahtstruktur: 3/1 Drahtmaterial: Kupfer Drahtisolierung: PVC Drahtstruktur: 3/1 Drahtmaterial: Kupfer Drahtisolierung: PVC Drahtstruktur: 3/1 Drahtmaterial: Kupfer Drahtisolierung: PVC

**Leitungsparameter Transmission Properties**

Paar	AWG	MDR	PE-MDR	ACH	PL/CKA	PL	RL/RET	PE-RL/RET
1	22	110	90	100	100	91	90	100
2	22	110	90	100	100	91	90	100
3	22	110	90	100	100	91	90	100
4	22	110	90	100	100	91	90	100
5	22	110	90	100	100	91	90	100
6	22	110	90	100	100	91	90	100
7	22	110	90	100	100	91	90	100

**Certificate**  
No. 0897-23

**Zertifikat**  
No. 0897-23

**2 Connector Permanent DIN, Copper, Class E5**

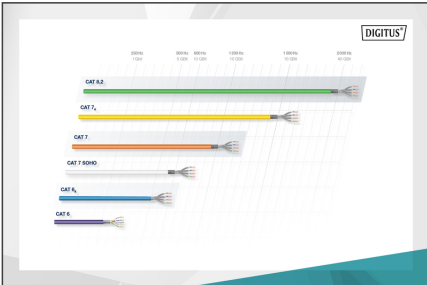
**GHMT Type Approval**

**CE** (Conformité Européenne)

**ASBMANN** Professional

**CE** (Conformité Européenne)

**ASBMANN** Professional



**GHMT**

**2 Connector Permanent DIN, Copper, Class E5**

**GHMT Type Approval**

