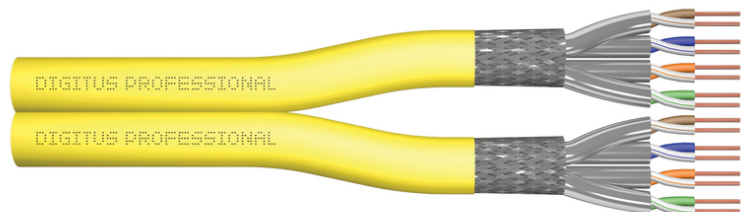


# DIGITUS Cat.7A S/FTP, installation cable, 500 m, duplex, Cca

DK-1744-A-VH-D-5  
EAN 4016032441700



### CAT 7A S-FTP installation cable, 1500 MHz Cca, (EN 50575), AWG 22/1, 500 m drum, DX, 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:
- Basic conductor: Solid AWG 22/1, bare annealed copper, diameter 0.62 mm nominal
- 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 wire braid
- Outer jacket: Halogen-free (FRNC-C/LSZH-3)
- Outer jacket diameter: 0.6 mm nominal
- Color: Yellow (RAL 1016)
- Length: 500 m
- 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: 8.0 mm nominal
- Flame retardancy: IEC 60332-3-24
- Halogen-free & smoke-proof: IEC 60754-2 & IEC 61034
- Fire load: 700 MJ/km
- Weight: 70 kg/km
- Electrical properties:
- Mean impedance: 100±5 Ohm @ 1-600 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: Grade 1 (CA-Type 1b)
- Propagation delay: 10 nS/100 m max.
- Signal propagation delay: 450 nS/100 m max.
- Separating class: "d" acc. to EN 50174-2
- NVP: 75%
- Flame spread: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosiveness: EN 60754-1/2 (LSOH)
- Smoke density: EN 61034-2

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	0	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	71.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	71.00	0.00	0.00	0.00	0.00

More images:

**DK-1744-A-VH-D-5**  
CAT 7A S/FTP Installation Cable, 500m, Duplex, C<sub>23</sub>

Line Speed: 10 Gbit/s  
Class: C<sub>23</sub>  
AWG: 22/1  
Transmission Frequency: 1500 MHz  
Ethernet: 10 Gbit/s  
Category: CAT 7A

DK-00633      DK-00637

**DK-1744-A-VH-D-5**  
CAT 7A S/FTP Installation Cable, 500m, Duplex, C<sub>23</sub>

Line Speed: 10 Gbit/s  
Class: C<sub>23</sub>  
AWG: 22/1  
Transmission Frequency: 1500 MHz  
Ethernet: 10 Gbit/s  
Category: CAT 7A

Outer Jacket: Polyethylen  
Shield: Shield  
Braid: Braid  
Purposes: Purposes  
Twisted pair: Twisted pair  
Twisted pair: Twisted pair  
Twisted pair: Twisted pair  
Twisted pair: Twisted pair

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CAT 7A S/FTP Installation Cable, 500m, Duplex, C<sub>23</sub>

Technical specifications table:

Mechanical Properties		Electrical Properties	
Line Speed	10 Gbit/s	Line Speed	10 Gbit/s
Class	C <sub>23</sub>	Class	C <sub>23</sub>
AWG	22/1	AWG	22/1
Transmission Frequency	1500 MHz	Transmission Frequency	1500 MHz
Ethernet	10 Gbit/s	Ethernet	10 Gbit/s
Category	CAT 7A	Category	CAT 7A

**DK-1744-A-VH-D-5**  
CAT 7A S/FTP Installation Cable, 500m, Duplex, C<sub>23</sub>

Line Speed: 10 Gbit/s  
Class: C<sub>23</sub>  
AWG: 22/1  
Transmission Frequency: 1500 MHz  
Ethernet: 10 Gbit/s  
Category: CAT 7A

Mechanical Properties		Electrical Properties	
Line Speed	10 Gbit/s	Line Speed	10 Gbit/s
Class	C <sub>23</sub>	Class	C <sub>23</sub>
AWG	22/1	AWG	22/1
Transmission Frequency	1500 MHz	Transmission Frequency	1500 MHz
Ethernet	10 Gbit/s	Ethernet	10 Gbit/s
Category	CAT 7A	Category	CAT 7A

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CAT 7A S/FTP Installation Cable, 500m, Duplex, C<sub>23</sub>

Line Speed: 10 Gbit/s  
Class: C<sub>23</sub>  
AWG: 22/1  
Transmission Frequency: 1500 MHz  
Ethernet: 10 Gbit/s  
Category: CAT 7A

GT 6.2  
GT 6.1  
GT 7  
GT 7 S/FTP  
GT 6.1  
GT 6