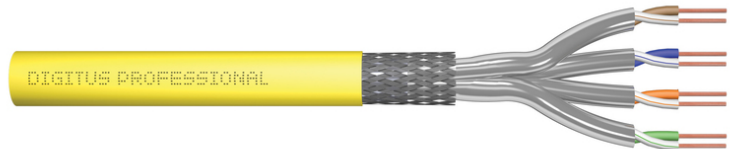


# DIGITUS® CAT 7A S/FTP data cable - installation cable, 1000 m, simplex, Cca, GHMT PVP certified

DK-1744-A-VH-10  
EAN 4016032441694



## CAT 7A S-FTP installation cable, 1500 MHz Cca (EN 50575), AWG 22/1, 1000 m drum, Sx, yellow

The Digitus Cat 7A installation cable is designed for use in structured data centers and building cabling in accordance with ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 61156-7, EN 50288-9-1. The cable is ideal for the transmission of analog and digital data and supports PoE, PoE+, 4PPoE (IEEE 802.3af;3at;3bt). 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
- 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: Cca acc. to EN 50575; LSZH
- Outer sheath thickness (nominal): 0.60 mm (Cca)
- Outer sheath color: Yellow (RAL 1016)
- Mechanical properties:
- Tensile load: 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 (Cca)
- Weight (kg/km): 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: 75%
- Flame spread: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosivity: 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: Cca
- 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)	cm <sup>3</sup>
Packaging Unit Carton	4	280.00	53.00	53.00	43.50	122,192.00
Packaging Unit Inside	1	70.00	53.00	53.00	43.50	122,192.00
Packaging Unit Single	1	70.00	53.00	53.00	43.50	122,192.00
Net single without Packaging	1	69.59	53.00	53.00	43.50	122,192.00

More images:

**DK-1744-A-VH-10**  
CAT 7A S/FTP Installation Cable, 1000m, Simplex, G<sub>4</sub>

**Technical Properties**

Property	Value
Conductor	28 AWG, 0.25mm
Insulation	0.15mm
Shielding	Aluminum foil
Outer jacket	PVC
Outer diameter	10.5mm
Weight	100g/m

**Mechanical Properties**

Property	Value
Temperature range	-20°C to 70°C
Bending radius	100mm
Max. pull force	100N
Max. tension	100N

**DK-1744-A-VH-10**  
CAT 7A S/FTP Installation Cable, 1000m, Simplex, G<sub>4</sub>

Line Speed: 100 Gbps, C<sub>100</sub> Class, 22/1 AWG, 1500 MHz Transmission Frequency, 10 Gbps Ethernet, CAT 7A/10Gbps Category

Outer jacket: Außenmantel  
Shield: Abschirmung  
Pairs: Paare  
Cable: Kabel

**DK-1744-A-VH-10**  
CAT 7A S/FTP Installation Cable, 1000m, Simplex, G<sub>4</sub>

Line Speed: 100 Gbps, C<sub>100</sub> Class, 22/1 AWG, 1500 MHz Transmission Frequency, 10 Gbps Ethernet, CAT 7A/10Gbps Category

DK-30612, DK-30617

**DK-1744-A-VH-10**  
CAT 7A S/FTP Installation Cable, 1000m, Simplex, G<sub>4</sub>

Line Speed: 100 Gbps, C<sub>100</sub> Class, 22/1 AWG, 1500 MHz Transmission Frequency, 10 Gbps Ethernet, CAT 7A/10Gbps Category

**DK-1744-A-VH-10**  
CAT 7A S/FTP Installation Cable, 1000m, Simplex, G<sub>4</sub>

Line Speed: 100 Gbps, C<sub>100</sub> Class, 22/1 AWG, 1500 MHz Transmission Frequency, 10 Gbps Ethernet, CAT 7A/10Gbps Category

Line Speed	C <sub>100</sub> Class	22/1 AWG	1500 MHz	10 Gbps	CAT 7A/10Gbps
100 Gbps	Yes	Yes	Yes	Yes	Yes
40 Gbps	Yes	Yes	Yes	Yes	Yes
25 Gbps	Yes	Yes	Yes	Yes	Yes
10 Gbps	Yes	Yes	Yes	Yes	Yes
1 Gbps	Yes	Yes	Yes	Yes	Yes

**DK-1744-A-VH-10**  
CAT 7A S/FTP Installation Cable, 1000m, Simplex, G<sub>4</sub>

Line Speed: 100 Gbps, C<sub>100</sub> Class, 22/1 AWG, 1500 MHz Transmission Frequency, 10 Gbps Ethernet, CAT 7A/10Gbps Category

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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