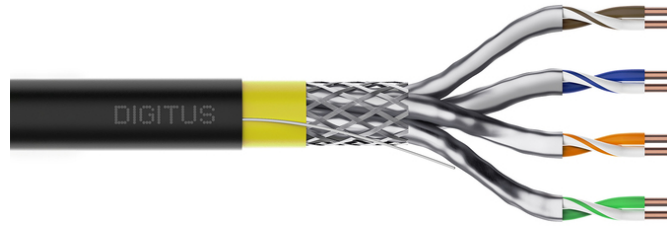


DIGITUS® CAT 7A S/FTP, data cable - installation cable, 500 m, simplex, Dca-s1a d1 a1 , GHMT PVP certified

DK-1743-A-VH-5

EAN 4016032363842



CAT 7A S-FTP installation cable, 1500 MHz, Dca AWG 22/1, 500 m drum, Sx, yellow

The Digitus Cat 7 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) for the 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 to Cca in accordance with EN 50575; LSZH
- Outer sheath thickness (nominal): 0.60 mm (Dca); 0.60 mm (Cca)
- Outer sheath color: Yellow (RAL 1016)
- Mechanical properties:
- Strain relief: 150 N 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

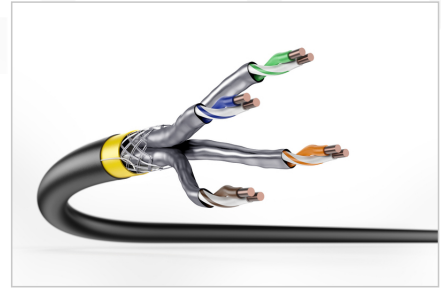
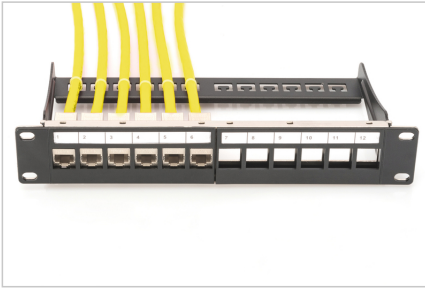
- Operating temperature range: -20 °C to +60 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter (nominal): 7.8 mm (Dca); 7.8 mm (Cca)
- Weight (kg/km): 65 kg (Dca); 65 kg (Cca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-1000 MHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance 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

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 7A
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- 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 ³
Packaging Unit Carton	1	33.50	53.00	53.00	43.50	122,192.00
Packaging Unit Inside	1	33.50	53.00	53.00	43.50	122,192.00
Packaging Unit Single	1	33.50	53.00	53.00	43.50	122,192.00
Net single without Packaging	0	34.00	0.00	0.00	0.00	0.00

More images:



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1500 MHz
10 Gbit Ethernet
CAT 7e
1.000 MHz

AWG 22/21
LSZH
D Ca
CPE class

CAT 7e S/FTP Installation Cable, 500 m, Simplex, D_{Ca}

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DK.1743-A-VH-S // CAT 7e S/FTP Installation Cable, 500m, Simplex, D_{Ca}

Anwendungsbereich
Example of use

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DK.1743-A-VH-S // CAT 7e S/FTP Installation Cable, 500m, Simplex, D_{Ca}

Kabelquerschnitt
Cable cross section

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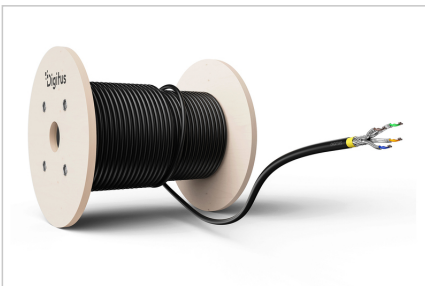
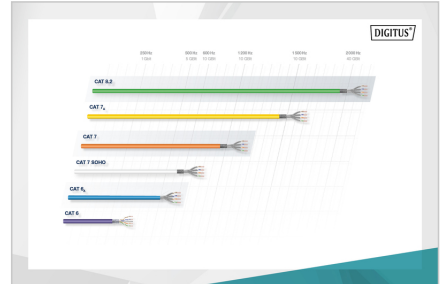
Produktdatenblatt / Product Information	Physikalische Spezifikationen / Physical Properties
Bestellnummer / Order number: DK.1743-A-VH-S	Typ / Type: CAT 7e S/FTP Installation Cable
Hersteller / Manufacturer: ASSMANN ELECTRONIC GMBH	Material / Material: Polyethylene (PE) jacket, Copper conductors
Produktbeschreibung / Product description: CAT 7e S/FTP Installation Cable, 500m, Simplex, D _{Ca}	Leistungsfähigkeit / Performance: 10 Gbit Ethernet, 1500 MHz
Technische Zeichnung / Technical drawing: See drawing DK.1743-A-VH-S	Temperaturbereich / Temperature range: -20°C to +70°C
Abmessungen / Dimensions: See drawing DK.1743-A-VH-S	Wegstrecke / Path length: 500m
Material / Material: Polyethylene (PE) jacket, Copper conductors	Wegstrecke / Path length: 500m
Leistungsfähigkeit / Performance: 10 Gbit Ethernet, 1500 MHz	Wegstrecke / Path length: 500m
Temperaturbereich / Temperature range: -20°C to +70°C	Wegstrecke / Path length: 500m
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DK.1743-A-VH-S // CAT 7e S/FTP Installation Cable, 500m, Simplex, D_{Ca}

Leistungsfähigkeit / Performance

Parameter	Value
Frequency	1500 MHz
Bandwidth	10 Gbit Ethernet
Temperature range	-20°C to +70°C
Path length	500m



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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