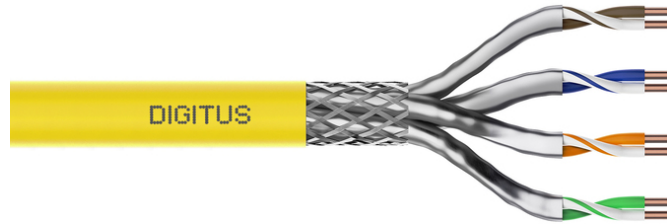


DIGITUS® CAT 7A S/FTP installation cable, 1000 m, simplex, Dca-s1a d1 a1, GHMT PVP certified

DK-1743-A-VH-10-LD

EAN 4016032455387



CAT 7A S-FTP installation cable, 1250 MHz Dca, AWG 23/1, 1000 m drum, simplex, color 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 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 23/1
- 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: Dca-s1a d1 a1 according to EN 50575; LSZH
- Outer sheath thickness (nominal): 0.60 mm (Dca); 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

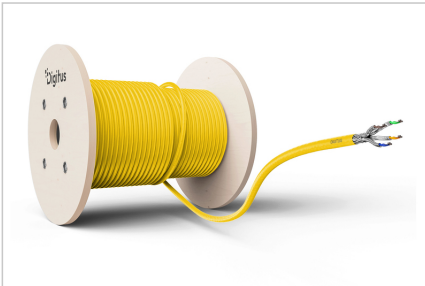
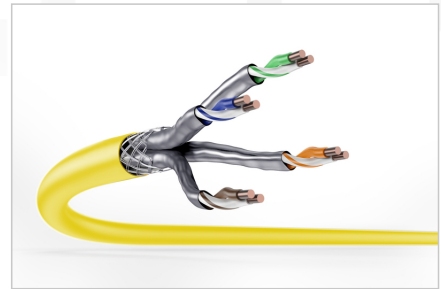
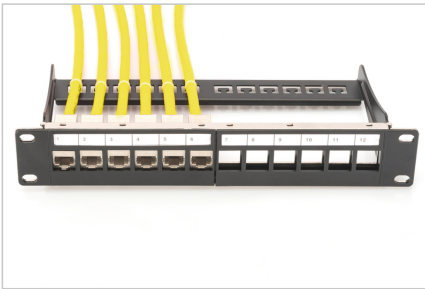
- Operating temperature range: -20 °C to +60 °C
- Installation temperature range: 0 to +50C
- Outer diameter (nominal): 7.8 mm (Dca); 7.8 mm (Cca)
- Weight (kg/km): 65 kg (Dca); 65 kg (Cca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-1250 MHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance 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: 1000 m
- Color: yellow
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	67.00	53.00	53.00	40.00	112,360.00
Packaging Unit Inside	1	67.00	53.00	53.00	40.00	112,360.00
Packaging Unit Single	1	67.00	53.00	53.00	40.00	112,360.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



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1250 MHz (maximum)
10 Gbit Ethernet
CAT 7e (1000 MHz)

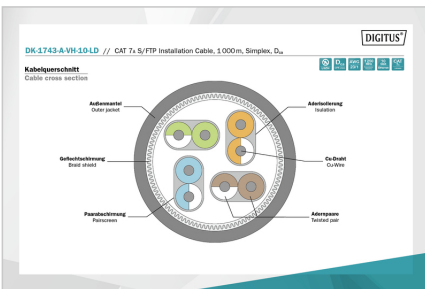
AWG 23/1
LSZH
Dca
CFR class

CAT 7A S/FTP Installation Cable, 1000 m, Simplex, D_{ca}

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DK-1743-A-VH-10-LD // CAT 7e S/FTP Installation Cable, 1000m, Simplex, D_{ca}

Anwendungsbeispiel
Example of use



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Produktdaten Product Information	Physikalische Spezifikationen Physical Properties
Hersteller / Manufacturer: Assmann Electronic GmbH, Assmannstraße 3, 42699 Solingen, Deutschland Teilenummer / Part Number: DK-1743-A-VH-10-LD Materialnummer / Material Number: 1743-A-VH-10-LD	Standard / Standard: IEC 60332-1, IEC 60332-3, IEC 60332-3-2, IEC 60332-3-3, IEC 60332-3-4, IEC 60332-3-5, IEC 60332-3-6, IEC 60332-3-7, IEC 60332-3-8, IEC 60332-3-9, IEC 60332-3-10, IEC 60332-3-11, IEC 60332-3-12, IEC 60332-3-13, IEC 60332-3-14, IEC 60332-3-15, IEC 60332-3-16, IEC 60332-3-17, IEC 60332-3-18, IEC 60332-3-19, IEC 60332-3-20, IEC 60332-3-21, IEC 60332-3-22, IEC 60332-3-23, IEC 60332-3-24, IEC 60332-3-25, IEC 60332-3-26, IEC 60332-3-27, IEC 60332-3-28, IEC 60332-3-29, IEC 60332-3-30, IEC 60332-3-31, IEC 60332-3-32, IEC 60332-3-33, IEC 60332-3-34, IEC 60332-3-35, IEC 60332-3-36, IEC 60332-3-37, IEC 60332-3-38, IEC 60332-3-39, IEC 60332-3-40, IEC 60332-3-41, IEC 60332-3-42, IEC 60332-3-43, IEC 60332-3-44, IEC 60332-3-45, IEC 60332-3-46, IEC 60332-3-47, IEC 60332-3-48, IEC 60332-3-49, IEC 60332-3-50, IEC 60332-3-51, IEC 60332-3-52, IEC 60332-3-53, IEC 60332-3-54, IEC 60332-3-55, IEC 60332-3-56, IEC 60332-3-57, IEC 60332-3-58, IEC 60332-3-59, IEC 60332-3-60, IEC 60332-3-61, IEC 60332-3-62, IEC 60332-3-63, IEC 60332-3-64, IEC 60332-3-65, IEC 60332-3-66, IEC 60332-3-67, IEC 60332-3-68, IEC 60332-3-69, IEC 60332-3-70, IEC 60332-3-71, IEC 60332-3-72, IEC 60332-3-73, IEC 60332-3-74, IEC 60332-3-75, IEC 60332-3-76, IEC 60332-3-77, IEC 60332-3-78, IEC 60332-3-79, IEC 60332-3-80, IEC 60332-3-81, IEC 60332-3-82, IEC 60332-3-83, IEC 60332-3-84, IEC 60332-3-85, IEC 60332-3-86, IEC 60332-3-87, IEC 60332-3-88, IEC 60332-3-89, IEC 60332-3-90, IEC 60332-3-91, IEC 60332-3-92, IEC 60332-3-93, IEC 60332-3-94, IEC 60332-3-95, IEC 60332-3-96, IEC 60332-3-97, IEC 60332-3-98, IEC 60332-3-99, IEC 60332-3-100
Technische Eigenschaften Technical Properties Leitfähigkeit / Conductivity: 1000000 S/m Widerstand / Resistance: 0.001 Ohm/m Spannung / Voltage: 1000 V Strom / Current: 10 A Temperatur / Temperature: -40°C to +85°C	Mechanische Eigenschaften Mechanical Properties Leitfähigkeit / Conductivity: 1000000 S/m Widerstand / Resistance: 0.001 Ohm/m Spannung / Voltage: 1000 V Strom / Current: 10 A Temperatur / Temperature: -40°C to +85°C

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.

ASSMANN Electronic GmbH
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 Lüdenscheid, Germany
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 info@assmann.com