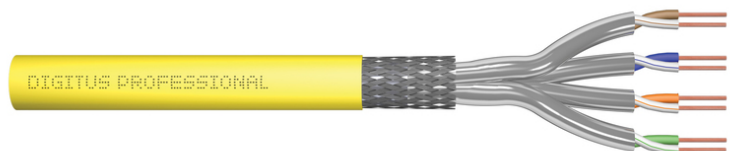


DIGITUS Cat. 7A S/FTP, installation cable, 500 m, simplex, Dca-s1a d1 a1

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 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.

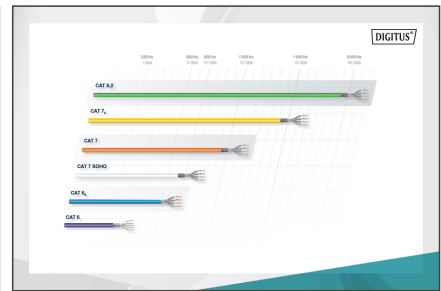
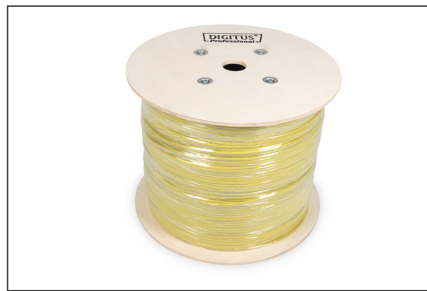
Future-oriented standards and high-end quality for your network.

- Physical properties:
- 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 according to EN 50575; LSZH
- Outer sheath thickness (nominal): 0.60 mm (Dca); 0.60 mm (Cca)
- Outer sheath color: Yellow (RAL 1028)
- 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
- 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

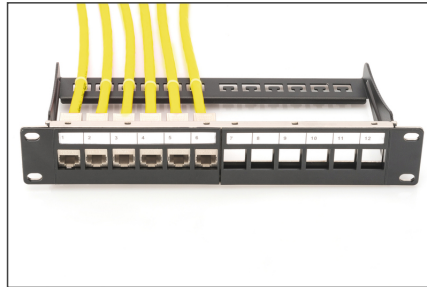
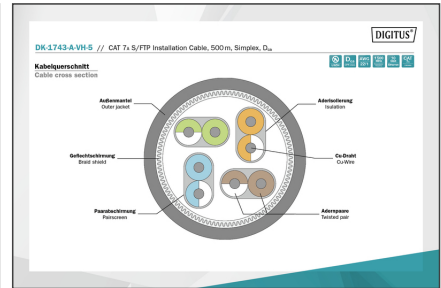
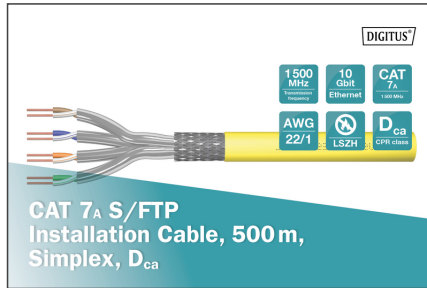
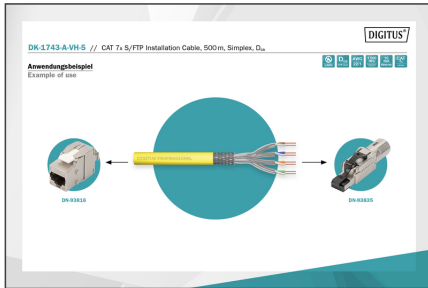
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	1	33.50	53.00	53.00	43.50	122,192.00
Packaging Unit Inside	1	33.50	53.00	53.00	43.50	122,192.00
Packaging Unit Single	1	33.50	53.00	53.00	43.50	122,192.00
Net single without Packaging	1	33.16	53.00	53.00	43.50	122,192.00

More images:



Leistungsmerkmale Transmission Properties										
ISO/IEC	ANSI/TIA	IEC/EN	ISO/IEC	ANSI/TIA	ISO/IEC	ANSI/TIA	ISO/IEC	ANSI/TIA	ISO/IEC	ANSI/TIA
1	15	100	107	104	104	361	100	100	100	100
2	42	118	107	104	104	361	118	118	118	118
100	344	118	107	364	364	361	30	30	30	30
100	360	118	102	360	360	361	30	30	30	30
100	34	100	102	71	71	361	30	30	30	30
100	377	118	97	103	103	361	30	30	30	30
100	38	92	92	92	92	361	30	30	30	30
100	103	92	92	92	92	361	40	40	40	40
100	92	75	75	75	75	361	30	30	30	30

Produktbeschreibung Product Information		Physikalische Spezifikationen Physical Properties	
Bezeichnung Name	DK-1743-A-VH-S // CAT 7A S/FTP Installation Cable, 500m, Simplex, D _{ca}	Leiter Conductor	Bezeichnung Name
Hersteller Manufacturer	ASSMANN Electronic GmbH, 32549 Lüdenschied, Germany	Leitungsart Cable type	Bezeichnung Name
Material Material	100% 100% Polyester / 100% 100% Polyester	Leitungsart Cable type	Bezeichnung Name
Norm Norm	ISO/IEC 11801, ANSI/TIA 568, IEC 60331-21, IEC 60331-22	Leitungsart Cable type	Bezeichnung Name
Technische Daten Technical data	100% 100% Polyester / 100% 100% Polyester	Leitungsart Cable type	Bezeichnung Name
Material Material	100% 100% Polyester / 100% 100% Polyester	Leitungsart Cable type	Bezeichnung Name
Norm Norm	ISO/IEC 11801, ANSI/TIA 568, IEC 60331-21, IEC 60331-22	Leitungsart Cable type	Bezeichnung Name



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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 Lüdenschied, Germany
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