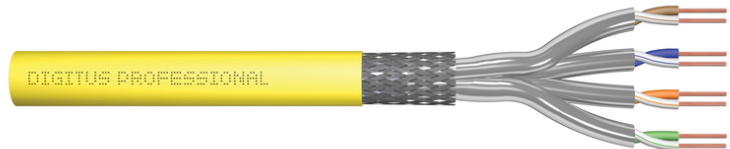


DIGITUS® CAT 7A S/FTP data cable - installation cable, 100 m, simplex, Dca-s1a d1 a1, GHMT PVP certified

DK-1743-A-VH-1

EAN 4016032462828



CAT 7A S-FTP installation cable, 1500 MHz Dca, AWG 22/1, 100 m ring, Sx, RAL 1016

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) 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 a1acc. to 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: 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 @ 1-1000 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, 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: Dca
- Length: 100 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	5.68	28.00	28.00	16.00	12,544.00
Packaging Unit Inside	1	5.68	28.00	28.00	16.00	12,544.00
Packaging Unit Single	1	5.68	28.00	28.00	16.00	12,544.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



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CRP System
 Die geschichteten
 Leiterpaare sind durch
 einen gemeinsamen
 Schutzmantel geschützt

B₂ca **C_{ca}** **D_{ca}** **E_{ca}**

1+ **3**

S **d** **a**

Standard **C_{ca}** **s1a** **d1** **a1**



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Leitungsparameter Transmission Properties

AWG	ØFT	ØEXT	PE-WÄRTE	AKA	PA-KA	VA	EV-WÄRTE	PE-WÄRTE
AWG	ØFT	ØEXT	ØB	ØB	ØB	ØB	ØB	ØB
1	1.18	1.18	1.02	1.02	1.02	0.91	0.91	0.91
2	1.27	1.18	1.02	1.02	1.02	0.91	0.91	0.91
3	1.37	1.18	1.02	1.02	1.02	0.91	0.91	0.91
4	1.47	1.18	1.02	1.02	1.02	0.91	0.91	0.91
5	1.57	1.18	1.02	1.02	1.02	0.91	0.91	0.91
6	1.68	1.18	1.02	1.02	1.02	0.91	0.91	0.91
7	1.78	1.18	1.02	1.02	1.02	0.91	0.91	0.91
8	1.88	1.18	1.02	1.02	1.02	0.91	0.91	0.91
9	1.98	1.18	1.02	1.02	1.02	0.91	0.91	0.91
10	2.08	1.18	1.02	1.02	1.02	0.91	0.91	0.91
11	2.18	1.18	1.02	1.02	1.02	0.91	0.91	0.91
12	2.28	1.18	1.02	1.02	1.02	0.91	0.91	0.91
13	2.38	1.18	1.02	1.02	1.02	0.91	0.91	0.91
14	2.48	1.18	1.02	1.02	1.02	0.91	0.91	0.91
15	2.58	1.18	1.02	1.02	1.02	0.91	0.91	0.91
16	2.68	1.18	1.02	1.02	1.02	0.91	0.91	0.91
17	2.78	1.18	1.02	1.02	1.02	0.91	0.91	0.91
18	2.88	1.18	1.02	1.02	1.02	0.91	0.91	0.91
19	2.98	1.18	1.02	1.02	1.02	0.91	0.91	0.91
20	3.08	1.18	1.02	1.02	1.02	0.91	0.91	0.91
22	3.28	1.18	1.02	1.02	1.02	0.91	0.91	0.91
24	3.48	1.18	1.02	1.02	1.02	0.91	0.91	0.91
26	3.68	1.18	1.02	1.02	1.02	0.91	0.91	0.91
28	3.88	1.18	1.02	1.02	1.02	0.91	0.91	0.91
30	4.08	1.18	1.02	1.02	1.02	0.91	0.91	0.91
32	4.28	1.18	1.02	1.02	1.02	0.91	0.91	0.91
34	4.48	1.18	1.02	1.02	1.02	0.91	0.91	0.91
36	4.68	1.18	1.02	1.02	1.02	0.91	0.91	0.91
38	4.88	1.18	1.02	1.02	1.02	0.91	0.91	0.91
40	5.08	1.18	1.02	1.02	1.02	0.91	0.91	0.91

Leitungsparameter für 100 MHz gemäß Standard IEC 60617-3-100 MHz

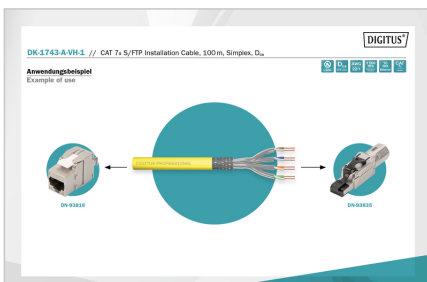
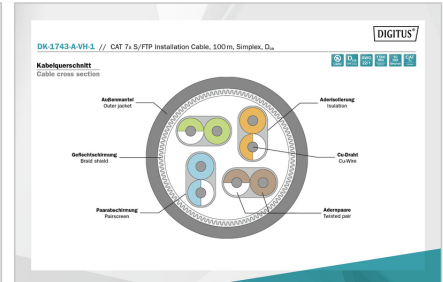
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Produktinformation Product Information

Physikalische Eigenschaften Physical Properties

Elektrische Eigenschaften Electrical Properties

Mechanische Eigenschaften Mechanical Properties



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1500 MHz **10 Gbit Ethernet** **CAT 7a**

AWG 22/1 **LSZH** **D_{ca} CRP class**

CAT 7a S/FTP Installation Cable, 100m, Simplex, D_{ca}

