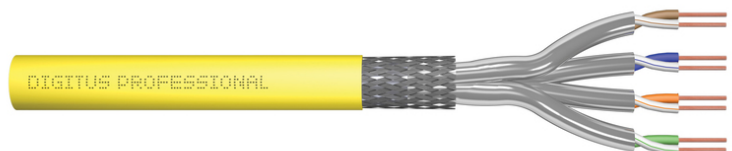


DIGITUS Cat. 7A S/FTP installation cable, 100 m, simplex, Dca-s1a d1 a1

DK-1743-A-VH-1
EAN 4016032462828



CAT 7A S-FTP installation cable, 1500 MHz Dca, AWG 22/1, 100 m ring, 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) 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 acc. 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: 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

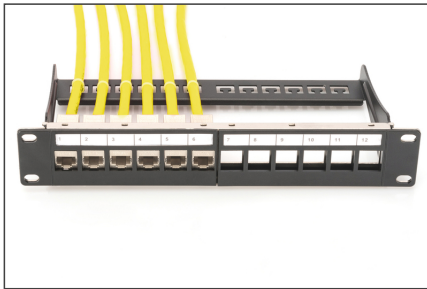
- Operating temperature range: -20 °C to +60 °C
- Installation temperature range: 0 to +50C
- Outer diameter (nominal): 7.8 mm (Dca); 7.8 mm (Cca)
- Weight (kg/km): 65 kg (Dca); 65 kg (Cca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-1000 MHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance 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, 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: 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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1500 MHz
10 Gbit Ethernet
CAT 7e
1.000 MHz

AWG 22/1
LSZH
D Ca
CPE class

CAT 7e S/FTP Installation Cable, 100 m, Simplex, D_{Ca}

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DK.1743-A-VH-1 // CAT 7e S/FTP Installation Cable, 100m, Simplex, D_{Ca}

Anwendungsbeispiel
Example of use

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Kabelquerschnitt
Cable cross section

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Produktdatenblatt Produkt Information

Technische Spezifikationen Technical Properties

Physikalische Spezifikationen Physical Properties

Mechanische Spezifikationen Mechanical Properties

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Leistungsparameter Transmission Properties

FRF15	ATT	NEXT	PS NEXT	ACR	PS ACR	RL	SLRXT	PS SLRXT
100	28	46	46	26	26	46	28	28
1	15	15	15	15	15	15	15	15
10	42	110	107	104	103	52	59	59
100	164	110	107	104	103	162	100	100
200	243	110	107	104	103	143	110	110
300	30	110	107	104	103	110	110	110
400	102	110	107	104	103	110	110	110
500	15	110	107	104	103	110	110	110
600	100	110	107	104	103	110	110	110
700	100	110	107	104	103	110	110	110
800	100	110	107	104	103	110	110	110
900	100	110	107	104	103	110	110	110
1000	100	110	107	104	103	110	110	110

DIGITUS

Certificate
No. 184318-18-1

Zertifikat
No. 184318-18-1

Category 7

GHMT Type Approval

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