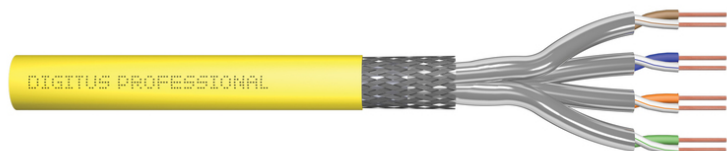


DIGITUS Cat. 7A S/FTP, installation cable, 500 m, simplex, Dca-s1a d1 a1

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.

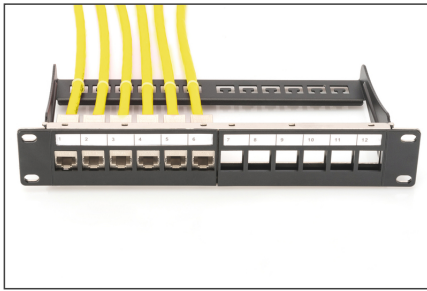
Future-oriented standards and high-end quality for your network.

- 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)	cm³
Packaging Unit Carton	8	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	33.20	53.00	53.00	43.50	122,192.00
Net single without Packaging	0	31.95	0.00	0.00	0.00	0.00

More images:



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- 1500 MHz
- 10 Cat.7 Ethernet
- CAT 7A 1000BASE-T
- AWG 22/1
- LSZH
- Dca CPR class

CAT 7 A S/FTP Installation Cable, 500 m, Simplex, D_{ca}

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DK-1743-A-VHS // CAT 7 S/FTP Installation Cable, 500m, Simplex, D_{ca}

Anwendungsbeispiel
Example of use

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DK-1743-A-VHS // CAT 7 S/FTP Installation Cable, 500m, Simplex, D_{ca}

Kabelquerschnitt
Cable cross section

Adressierung Data point, Adressierung Twisted, Cr-Shell Cradle, Adressierung Twisted-pair, Abschirmung Shielding

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Produktinformation Product Information

Bezeichnung Name	DK-1743-A-VHS	Produktname Product Name	CAT 7 A S/FTP Installation Cable
Hersteller Manufacturer	DIGITUS	Hersteller Manufacturer	DIGITUS
Material Material	LSZH	Material Material	LSZH
Farbe Color	Yellow	Farbe Color	Yellow
Abmessungen Dimensions	22 AWG, 100 Ohm	Abmessungen Dimensions	22 AWG, 100 Ohm
Norm Norm	ISO/IEC 11801, IEC 61169, IEC 61167, IEC 61168, IEC 61169, IEC 61170, IEC 61171, IEC 61172	Norm Norm	ISO/IEC 11801, IEC 61169, IEC 61167, IEC 61168, IEC 61169, IEC 61170, IEC 61171, IEC 61172

Technische Eigenschaften Physical Properties

Standard Standard	ISO/IEC 11801	Standard Standard	ISO/IEC 11801
Norm Norm	ISO/IEC 11801	Norm Norm	ISO/IEC 11801
Lebensdauer Lifetime	30 years	Lebensdauer Lifetime	30 years
Temperaturbereich Temperature range	-20°C to 70°C	Temperaturbereich Temperature range	-20°C to 70°C

Mechanische Eigenschaften Mechanical Properties

Spannung Spannung	100 N	Spannung Spannung	100 N
Bruchdehnung Elongation	10%	Bruchdehnung Elongation	10%
Bruchkraft Breaking force	10 N	Bruchkraft Breaking force	10 N
Bruchzeit Breaking time	30 min	Bruchzeit Breaking time	30 min

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Leitungsparameter Transmission Properties

PROZ.	ATT	MDT	PL-MDT	ACH	PL-ACH	PL	RLT	PL-RLT
1	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10
100	10	10	10	10	10	10	10	10
1000	10	10	10	10	10	10	10	10

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Certificate
No. 08874-21

Zertifikat
No. 08874-21

2 Connector Permanent Link, Copper, Class G.
GHMT Type Approval

3 Connector Permanent Link, Copper, Class G.
GHMT Type Approval

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CAT 6E, CAT 7, CAT 7A, CAT 8, CAT 8E

