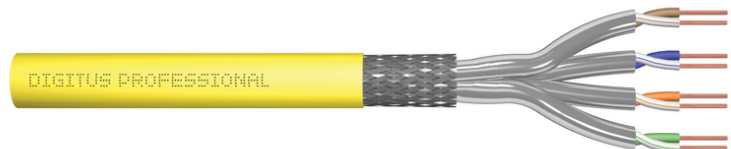


DIGITUS CAT 7A S/FTP installation cable, 500 m, Simplex, B2ca

DK-1745-A-VH-5
EAN 4016032435921



CAT 7A S-FTP installation cable, 1500 MHz B2ca (EN 50575), AWG 22/1, 500 m drum, yellow

Digitus Cat 7A installation cable is designed for use in structured data center & building cabling in accordance with ISO/IEC 11801, DIN EN 50173, IEC 61156-7, EN 50288-9-1. Excellent for transmission of analog and digital, data, audio, video, signal transmission, 10 Gbit Ethernet, POE+. The shield structure consists of single shielded pairs with a tinned copper braid, which ensures excellent shielding and electrical values.

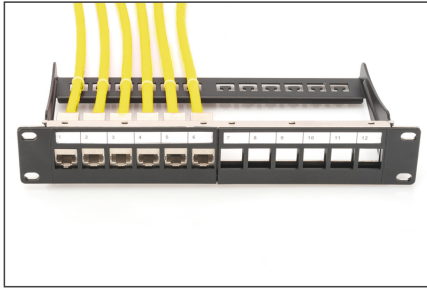
DIGITUS® CAT 7A S/FTP installation cable 4x2x AWG22/1 up to 1500 MHz. The halogen-free cable sheath complies with the standards IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class B2ca. Complies with ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 22/1
- Insulation: SFS-PE (Foam-Skin Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shielding: Aluminum foil, providing 100 % coverage
- Overall shielding: Copper braid
- Outer sheath: Eca to B2ca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0,50 mm (Eca); 0,52 mm (Dca); 0,60 mm (Cca); 0,60 (B2ca)
- Mechanical properties:
- Tensile loading: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Shipping- and storage temperature range: -20 °C up to +60 °C
- Operating temperature range: -20 °C up to +50 °C

- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7,0 mm (Eca); 7,2 mm (Dca); 7,5 mm (Cca); 7,5 mm (B2ca)
- Weight (kg/km): 49,5 kg (Eca); 51 kg (Dca), 53 kg (Cca); 53 kg (B2ca)
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-ground): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. resistance unbalance)
- DC loop resistance: 190 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: CA-Type 1b
- Signal propagation delay: 450 nS/100 m max.
- Propagation delay: 10 nS/100 m max.
- Separating class: "d" acc. 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
- Assortiman: Instalacijski kabeli s upredenim paricama
- Kategorija: CAT 7A
- Oklop: S-FTP, oklop parova u metalnoj foliji i pletenica
- CPR: B2ca
- Duljina: 500 m
- Boja: žuti
- Kapica: LSOH
- Struktura: 4 x 2 AWG 22/1, kruto upletena parica

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



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AWG 22/1 | 1500 MHz | 10 Gbit/s Ethernet | CAT 7A | 1000MHz | 20°/1,50° | 6 | LSZH | B2_{ca} CPR class

CAT 7 A S/FTP Installation Cable, 500 m, Simplex, B2_{ca}

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DK-1745-A-VH-S // CAT 7 A S/FTP Installation Cable, 500m, Simplex, B2_{ca}

Anwendungsbeispiel
Example of use

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DK-1745-A-VH-S // CAT 7 A S/FTP Installation Cable, 500m, Simplex, B2_{ca}

Kabelquerschnitt
Cable cross section

Adressierung: Daten-pair
Adressierung: Telefon-pair
Ch-Bahn: Coaxial
Adressierung: Telefon-pair
Panterschirmung: Aluminium

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Produktinformationen Product Information

Bezeichnung / Name	DK-1745-A-VH-S // CAT 7 A S/FTP Installation Cable, 500m, Simplex, B2 _{ca}	Hersteller / Manufacturer	DIGITUS
Part Number	DK-1745-A-VH-S	Part Number	DK-1745-A-VH-S
Material / Material	100% PVC, LSZH, RoHS, REACH	Material / Material	100% PVC, LSZH, RoHS, REACH
Color / Color	Yellow	Color / Color	Yellow
Length / Length	500m	Length / Length	500m
Weight / Weight	~1.5kg	Weight / Weight	~1.5kg
RoHS / RoHS	Yes	RoHS / RoHS	Yes
REACH / REACH	Yes	REACH / REACH	Yes

Technische Eigenschaften Physical Properties

Standard / Standard	ISO 11801-2 Class E	Standard / Standard	ISO 11801-2 Class E
Frequency / Frequency	1500 MHz	Frequency / Frequency	1500 MHz
Bandwidth / Bandwidth	10 Gbit/s	Bandwidth / Bandwidth	10 Gbit/s
Shielding / Shielding	100% LSZH	Shielding / Shielding	100% LSZH
Temperature / Temperature	-20°C to +70°C	Temperature / Temperature	-20°C to +70°C
Humidity / Humidity	10% to 90% RH	Humidity / Humidity	10% to 90% RH
Flammretardancy / Flammretardancy	B2 _{ca}	Flammretardancy / Flammretardancy	B2 _{ca}

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Leitungsparameter Transmission Properties

Paar / Pair	AWG / AWG	MDR / MDR	PL-MDR / PL-MDR	ACH / ACH	PL-ACH / PL-ACH	PL / PL	RLX / RLX	PL-RLX / PL-RLX
1	24	110	100	100	100	100	100	100
2	24	110	100	100	100	100	100	100
3	24	110	100	100	100	100	100	100
4	24	110	100	100	100	100	100	100
5	24	110	100	100	100	100	100	100
6	24	110	100	100	100	100	100	100
7	24	110	100	100	100	100	100	100
8	24	110	100	100	100	100	100	100
9	24	110	100	100	100	100	100	100
10	24	110	100	100	100	100	100	100
11	24	110	100	100	100	100	100	100
12	24	110	100	100	100	100	100	100
13	24	110	100	100	100	100	100	100
14	24	110	100	100	100	100	100	100
15	24	110	100	100	100	100	100	100
16	24	110	100	100	100	100	100	100
17	24	110	100	100	100	100	100	100
18	24	110	100	100	100	100	100	100
19	24	110	100	100	100	100	100	100
20	24	110	100	100	100	100	100	100
21	24	110	100	100	100	100	100	100
22	24	110	100	100	100	100	100	100
23	24	110	100	100	100	100	100	100
24	24	110	100	100	100	100	100	100

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Certificate
No. 0887-23

Zertifikat
No. 0887-23

2 Connector Permanent DIN, Copper, Class E1

2 Connector Permanent DIN, Copper, Class E1

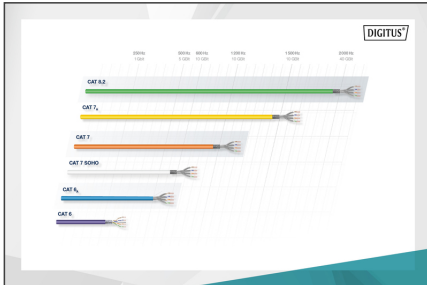
GHMT Type Approval

DIGITUS

CE (EMC, RoHS, REACH)

CE (RoHS, REACH)

ASBAMANN



DIGITUS

CE (EMC, RoHS, REACH)

CE (RoHS, REACH)

ASBAMANN

