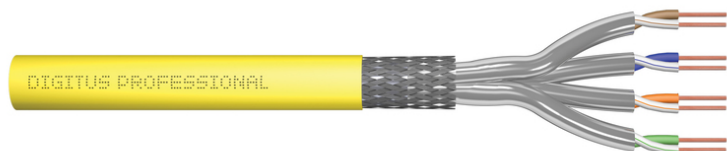


DIGITUS CAT 7A S/FTP installation cable, 1000 m, Simplex, B2ca

DK-1745-A-VH-10
EAN 4016032435938



CAT 7A S-FTP installation cable, 1500 MHz B2ca (EN 50575), AWG 22/1, 1000 m drum,

The DIGITUS® CAT 7A S/FTP installation cable features the following cable structure 4x2x AWG22/1 and achieves a transmission frequency of 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. The cable is suitable for building cabling in secondary and tertiary areas. Complies with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.

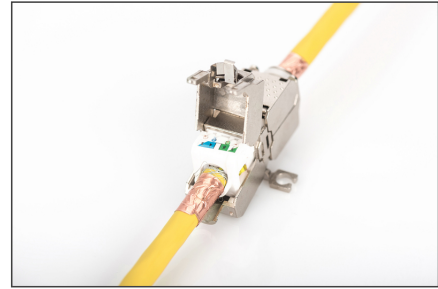
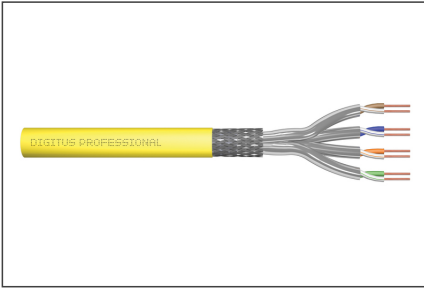
DIGITUS® CAT 7A S/FTP installation cable 4x2x AWG22/1 up to 1500 MHz. The halogen-free cable sheath complies with the standards IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class B2ca. Complies with ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.

- 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 - 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)
- Color: orange (RAL 2000)
- 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 +75 °C
- Operating temperature range: -20 °C bis +50 °C
- Installation temperature range: 0 °C 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%
- Asortiman: Instalacijski kabeli s upredenim paricama
- Kategorija: CAT 7A
- Oklop: S-FTP, oklop parova u metalnoj foliji i pletenica
- CPR: B2ca
- Duljina: 1000 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)	cm³
Packaging Unit Carton	1	64.51	55.00	55.00	44.00	133.10
Packaging Unit Inside	1	64.51	55.00	55.00	44.00	133.10
Packaging Unit Single	1	64.51	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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CAT 7A S/FTP Installation Cable, 1.000 m, Simplex, B2_{ca}

AWG 22/1, 1.500 MHz, 10 Gbit Ethernet, CAT 7A, 1.000 m, LSZH, B2_{ca} CPFL class

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DK.1745-A-VH-10 // CAT 7A S/FTP Installation Cable, 1.000m, Simplex, B2_{ca}

Anwendungsbeispiel: Example of use

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DK.1745-A-VH-10 // CAT 7A S/FTP Installation Cable, 1.000m, Simplex, B2_{ca}

Kabelquerschnitt: Cable cross section

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Produktbeschreibung / Product Information	Physikalische Spezifikationen / Physical Properties
Bestandteile / Components: 1x 1000m CAT 7A S/FTP Installation Cable, 1x RJ45 Connector, 1x RJ45 Patch Panel	Material: PVC, LSZH (Low Smoke Zero Halogen)
Technische Eigenschaften / Technical Properties: CAT 7A S/FTP, 10 Gbit Ethernet, 1.500 MHz, AWG 22/1, 1.000 m, B2 _{ca} CPFL class	Leistungsfähigkeit / Performance: 10 Gbit Ethernet, 1.500 MHz, CAT 7A S/FTP
Umweltbedingungen / Environmental Conditions: -20°C bis +70°C, 100% relative humidity (non-condensing)	Temperaturbereich / Temperature Range: -20°C bis +70°C
Zusätzliche Informationen / Additional Information: CAT 7A S/FTP Installation Cable, 1.000m, Simplex, B2 _{ca}	Produktcode / Product Code: DK.1745-A-VH-10

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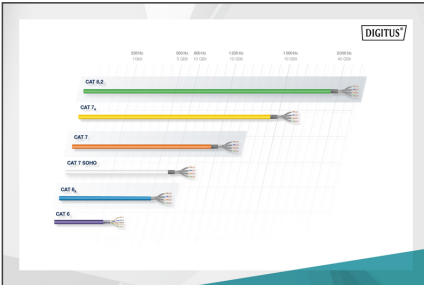
Leistungsfähigkeit / Performance

FREQU.	ATT.	NEUT.	PL NEUT.	ACH.	PL ACH.	RL	RLUTZ.	PL RLUTZ.
1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
10	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
100	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
1000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
10000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
100000	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4
1000000	148.8	148.8	148.8	148.8	148.8	148.8	148.8	148.8

Certificate No. 100074-10 Class 5s

Zertifikat No. 100074-10 Klasse 5s

GHMT Type Approval



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CEP (Conductor Electro-Physical) and **CEP** (Conductor Electro-Physical) tables.

Table 1: CEP (Conductor Electro-Physical) - Table 1

CEP	Drum diameter	Length
B2 _{ca}	Small	1+
C _{ca}	Medium	3
D _{ca}	Medium	3
E _{ca}	Large	3

Table 2: CEP (Conductor Electro-Physical) - Table 2

CEP	Drum diameter	Length
C _{ca}	s1a	d1 a1

