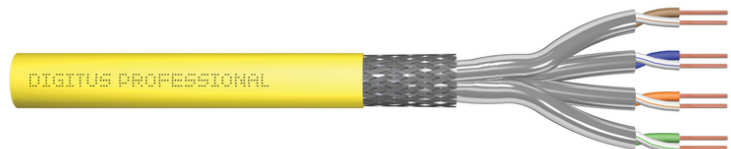


# DIGITUS CAT 7A S/FTP installation cable, 1000 m, Simplex, B2ca

DK-1745-A-VH-10  
EAN 4016032435938



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

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.

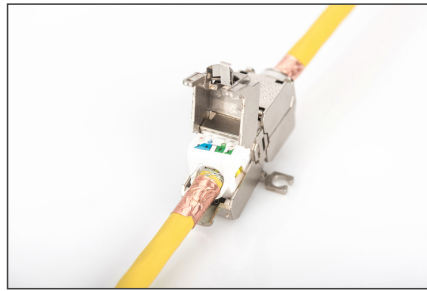
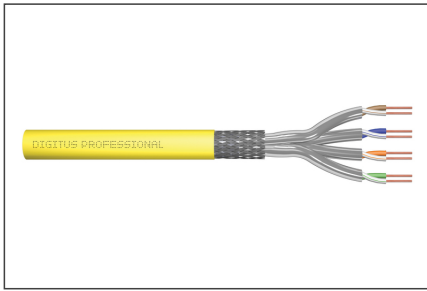
**DIGITUS® CAT 7A S/FTP installation cable 4x2x AWG22/1 up to 1500 MHz. The halogen-free cable sheath complies with the standards IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class B2ca. Complies with ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.**

- 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: yellow (RAL 1028)
- 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%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7A
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: B2ca
- Length: 1000 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	1	64.51	55.00	55.00	44.00	133,100.00
Packaging Unit Inside	1	64.51	55.00	55.00	44.00	133,100.00
Packaging Unit Single	1	64.51	55.00	55.00	44.00	133,100.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



**DIGITUS**

AWG 22/1 1500 MHz 10 Gbit Ethernet CAT 7A 1.000 m LSZH B2<sub>ca</sub> CPFL eClass

**CAT 7A S/FTP Installation Cable, 1 000 m, Simplex, B2<sub>ca</sub>**

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DK.1745-A-VH-10 // CAT 7A S/FTP Installation Cable, 1 000 m, Simplex, B2<sub>ca</sub>

Anwendungsbeispiel  
Example of use

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Kabelquerschnitt  
Cable cross section

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Produktinformationen / Product Information	Physikalische Spezifikationen / Physical Properties
<b>Bestandteile / Components</b>	<b>Materialien / Materials</b>
<b>Technische Eigenschaften / Technical Characteristics</b>	<b>Mechanische Eigenschaften / Mechanical Properties</b>
<b>Umweltbedingungen / Environmental Conditions</b>	<b>Abmessungen / Dimensions</b>
<b>Zusätzliche Informationen / Additional Information</b>	<b>Normen / Standards</b>

**DIGITUS**

Leistungseigenschaften / Performance Properties

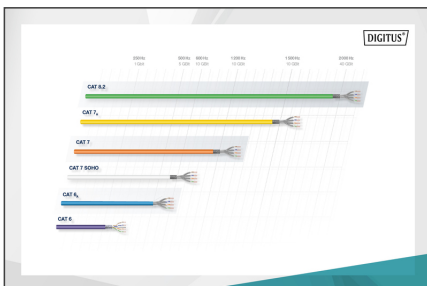
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100	100	100	100	100	100	100	100	100
10	10	10	10	10	10	10	10	10
1	1	1	1	1	1	1	1	1
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

**DIGITUS**

Certificate No. 10007-10  
Zertifikat No. 10007-10

Class S, Klasse S

2 Connector Permanent Link, Copper, Class S  
GHMT Type Approval



**DIGITUS**

GHMT System  
Systemeigenschaften / System Properties

Leistungseigenschaften / Performance Properties

Abmessungen / Dimensions

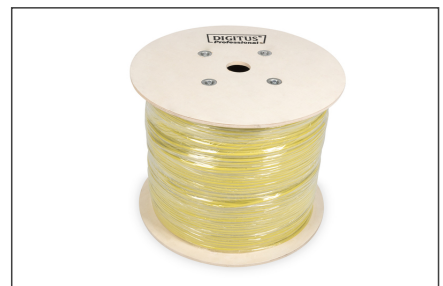
Zusätzliche Informationen / Additional Information

Systemeigenschaften / System Properties

Leistungseigenschaften / Performance Properties

Abmessungen / Dimensions

Zusätzliche Informationen / Additional Information



Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

**EU responsible person**

EU based economic operator ensuring the product complies with the required regulations.

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