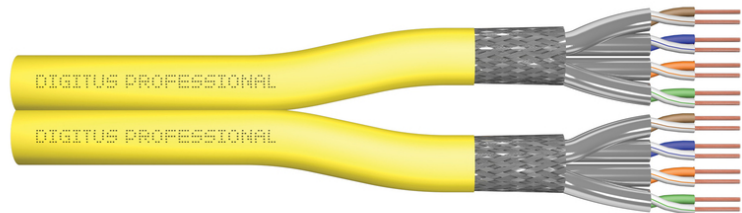


DIGITUS® CAT 7A S/FTP data cable - installation cable, 500 meters, duplex, B2ca, GHMT PVP certified

DK-1745-A-VH-D-5
EAN 4016032435945



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

The DIGITUS® Cat.7A S/FTP installation cable is characterized by the following cable structure 4x2x AWG22/1 and achieves a transmission frequency of up to 1500 MHz. The halogen-free cable sheath conforms to the IEC 60332-3-24, FRNC-C, LSZH-3 and BauPVO Euroclass B2ca standards. The cable is suitable for structured building cabling in secondary and tertiary areas. Conforms to the 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 conforms to the IEC 60332-3-24, FRNC-C, LSZH-3 and BauPVO Euroclass B2ca standards. Conforms to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.

- Physical properties:
- Conductor: Bare copper wire, AWG 22/1
- 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: copper braiding
- Outer sheath: Eca to B2ca in accordance with EN 50575; LSZH
- Outer sheath thickness (nominal): 0.50 mm (Eca); 0.52 mm (Dca); 0.60 mm (Cca); 0.60 (B2ca)
- Color: Yellow (RAL 1016)
- Mechanical properties:
- Strain relief: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.

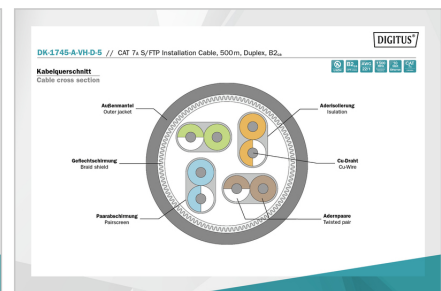
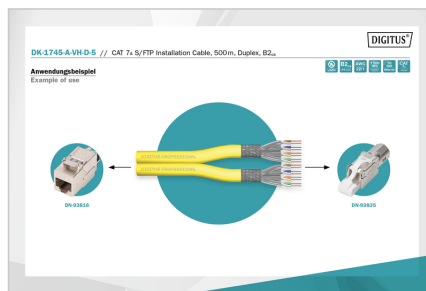
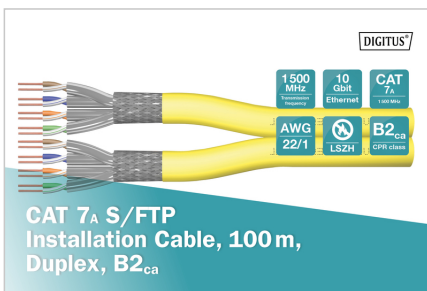
- Transport and storage temperature range: -20 °C to +75 °C
- Operating temperature range: -20 °C to +50 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter simplex (nominal): 7.0 mm (Eca); 7.2 mm (Dca); 7.5 mm (Cca); 7.5 mm (B2ca)
- Weight (kg/km): 49.5 kg (Eca); 51 kg (Dca), 53 kg (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-earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. unbalanced resistance)
- Loop resistance: 190 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%

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 7A
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: B2ca
- Length: 500 m
- Color: yellow
- Jacket: LSOH
- Structure: 4 x 2 AWG 22/1, solid twisted pair

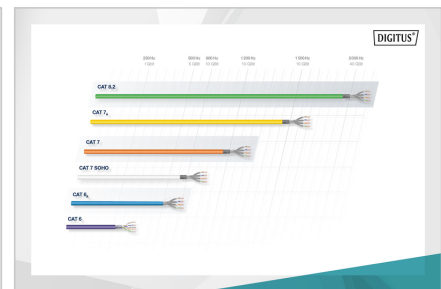
Logistics							
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³	
Packaging Unit Carton	1	66.25	55.00	55.00	47.50	143,688.00	
Packaging Unit Inside	1	66.25	55.00	55.00	47.50	143,688.00	
Packaging Unit Single	1	66.25	55.00	55.00	47.50	143,688.00	
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00	

More images:



Produktinformationen / Product Information	Physikalische Spezifikationen / Physical Properties
Bestandteile / Components: 1x CAT 7A S/FTP Installation Cable, 100 m, Duplex, B2ca	Leistungsfähigkeit / Performance: 10 Gbit Ethernet, 1500 MHz, CAT 7A
Abmessungen / Dimensions: 100 m length, 22 AWG conductors	Materialien / Materials: LSZH (Low Smoke Zero Halogen), B2ca
Umweltbedingungen / Environmental Conditions: Operating temperature: -20°C to +70°C	Montagehinweise / Installation Notes: Suitable for patch panels, 100 m length

Leitungsverluste / Transmission Losses										
FREI	AT	NEUT	PS NEUT	AS	PS AS	AL	ELK2	PS ELK2		
1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2		
10	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2		
100	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2		
1000	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2		



CEC Konformität / CEC Compliance	Bestandteile / Components	Leistungsfähigkeit / Performance	Abmessungen / Dimensions	Umweltbedingungen / Environmental Conditions	Zusätzliche Informationen / Additional Information
CEC	B2ca	10 Gbit Ethernet	100 m	-20°C to +70°C	LSZH, B2ca, CAT 7A
CEC	Cca	10 Gbit Ethernet	100 m	-20°C to +70°C	LSZH, Cca, CAT 7A
CEC	Dca	10 Gbit Ethernet	100 m	-20°C to +70°C	LSZH, Dca, CAT 7A
CEC	Eca	10 Gbit Ethernet	100 m	-20°C to +70°C	LSZH, Eca, CAT 7A



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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