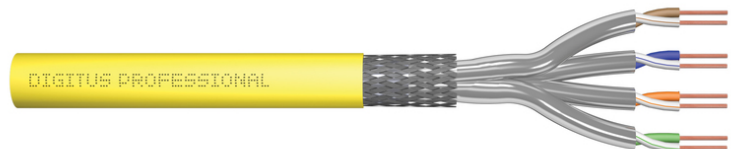


DIGITUS CAT 7A S/FTP installation cable, 1000 m, Simplex, B2ca

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

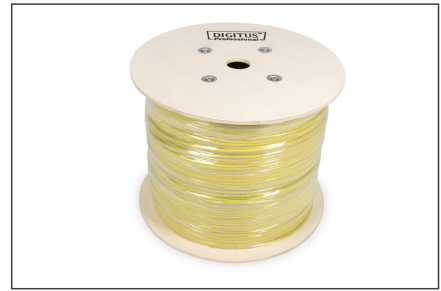
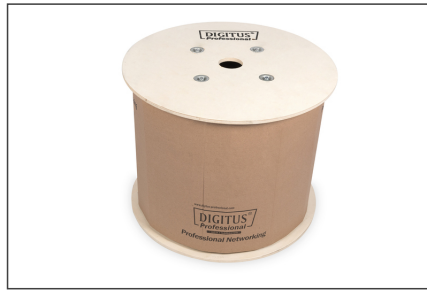
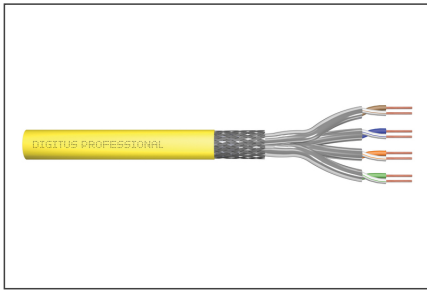
- Operating temperature range: -20 °C bis +50 °C
- Installation temperature range: 0 °C to +50 °C
- Overall diameter Simplex (nominal): 7,0 mm (Eca); 7,2 mm (Dca); 7,5 mm (Cca); 7,5 mm (B2ca)
- Weight (kg/km): 49,5 kg (Eca); 51 kg (Dca), 53 kg (Cca); 53 kg (B2ca)
- Electrical properties:
- Impedance: 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%

Attributes

- 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	64.10	55.00	55.00	44.00	133,100.00

More images:



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B2_{ca} Gefäß hoch Very high
C_{ca} Hoch High
D_{ca} Mittel Medium
E_{ca} Gefäß Low

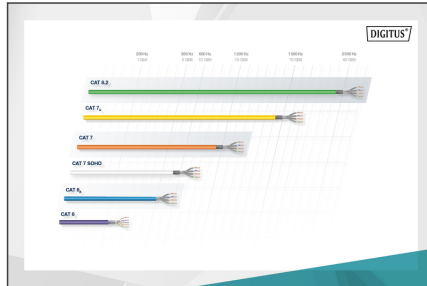
1+
3

C_{ca} s1a d1 a1

Aspektschichten
 • Spinnwebung
 • Kapselung
 • Kapselung
 • Kapselung
 • Kapselung

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GHMT

Certificate
No. 08977-31

Zertifikat
No. 08977-31

Class E_{ca} **Klasse E_{ca}**

GHMT Type Approval

2 Connector Permanent Link, Twisted, Class E_{ca}

2 Connector Permanent Link, Twisted, Class E_{ca}

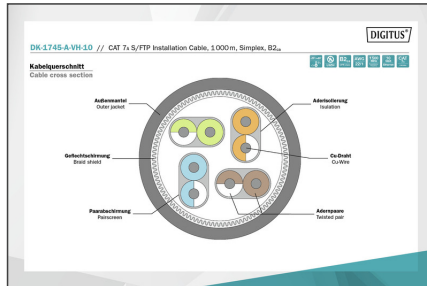
GHMT Type Approval

DIGITUS

Leitungsparameter, Transmission Properties

PROZ.	RET.	MDT	PL MDT	ACH	PL ACH	PL	RLT	PL RLT	PL RLT
1	10	110	107	104	105	91	100	100	100
10	47	110	107	104	105	93	100	100	100
100	140	110	107	104	105	92	100	100	100
200	240	100	100	90	93	94	90	90	90
300	340	100	100	90	93	94	90	90	90
400	440	100	100	90	93	94	90	90	90
500	540	100	100	90	93	94	90	90	90
600	640	100	100	90	93	94	90	90	90
700	740	100	100	90	93	94	90	90	90
800	840	100	100	90	93	94	90	90	90
900	940	100	100	90	93	94	90	90	90
1000	1040	100	100	90	93	94	90	90	90

Publikationsdatum: 10/2018 (gemäß Produktänderung vom 10/18/18)



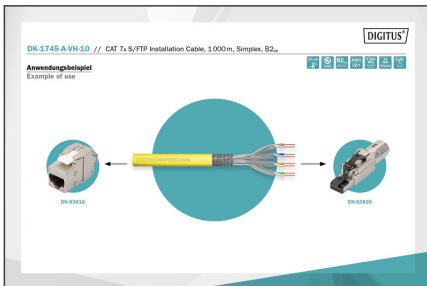
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Produktinformation Product Information

Physikalische Eigenschaften Physical Properties

Technische Eigenschaften Technical Properties

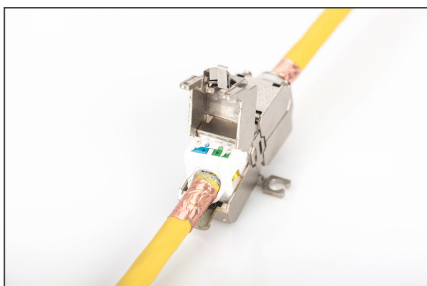
Mechanische Eigenschaften Mechanical Properties



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AWG 22/1
1500 MHz
10 Gbit Ethernet
CAT 7₁ Twisted
30°/150°
LSZH
B2_{ca} CPR class

CAT 7A S/FTP Installation Cable, 1.000 m, Simplex, B2_{ca}



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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