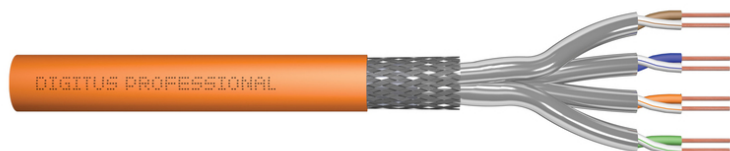


DIGITUS Cat.7 S/FTP installation cable, 100 m, simplex, Dca-s1a d1 a1

DK-1743-VH-1
EAN 4016032392101



CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 100 m ring, Sx, orange

The Digitus Cat 7 installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 61156-7, EN 50288-9-1. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE and POE+. The shielding structure is composed of single shielded pairs with a tinned copper braid, which ensures excellent shielding and electrical values.

Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare copper wire, AWG 23/1
- System(s) of assessment and verification of constancy of performance: System 3
- 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: Dca-s2,d1,a1 acc. to EN 50575; LSZH
- Color: Orange (RAL 2008)
- 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 +60 °C
- Operating temperature range: -20 °C to +50 °C

- Installation temperature range: 0 °C to +50 °C
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45 pF/m nominal @ 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%
- Flame spread: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosivity: EN 60754-1/2 (LSOH)
- Smoke density: EN 61034-2

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 100 m
- Color: orange
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	1	5.16	33.00	33.00	11.00	11,979.00
Packaging Unit Inside	1	5.16	33.00	33.00	11.00	11,979.00
Packaging Unit Single	1	5.16	33.00	33.00	11.00	11,979.00
Net single without Packaging	1	5.06	33.00	33.00	11.00	11,979.00

More images:



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CPR Symbolen als Produktkennzeichen

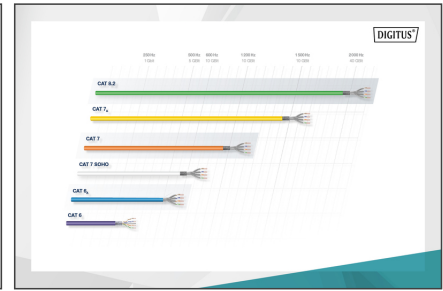
Brandklasse: **B2ca** (Gefahr hoch) / **Cca** (Hoch) / **Dca** (Mittel) / **Eca** (Gering)

Lebensgefahr/Brandgefahr (MFI) Kennung / Produktkennzeichen: **1+**

Auflagen der verbindlichen Regeln (EN 50521-1/2/3/4/5) / EN 50521-1/2/3/4/5

Produktbeschreibung: **S** (Rohmaterialien) / **d** (Produktionsverfahren) / **a** (Anlagenkonstruktion)

Brandklasse: **Cca s1a d1 a1**



GHMT

Certificate No. 2018ka-21

Zertifikat Nr. 2018ka-21

Class E

Category 7

2 Elemente Parameter List, Class E, GHMT Type Approval

GHMT

Certificate No. 2018ka-21-E

Zertifikat Nr. 2018ka-21-E

Category 7

2 Elemente Parameter List, Class E, GHMT Type Approval

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Leistungsparameter Transmitter Properties

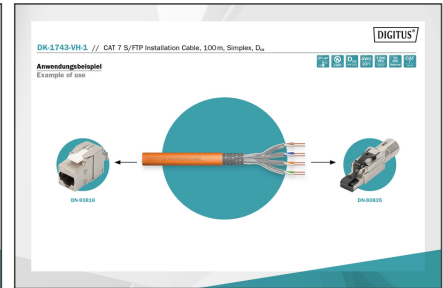
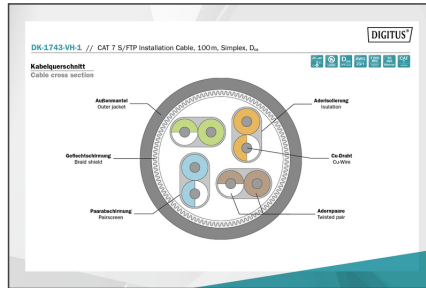
PREC	ATT	NEE1	PLN101	AG1	PLN102	IL	RE101	PLN103
100	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10
100	10	10	10	10	10	10	10	10
100	10	10	10	10	10	10	10	10
100	10	10	10	10	10	10	10	10
100	10	10	10	10	10	10	10	10
100	10	10	10	10	10	10	10	10
100	10	10	10	10	10	10	10	10

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Produktkennzeichen Produkt Information

Physikalische Spezifikationen/Physical Properties

Mechanische Eigenschaften/Mechanical Properties



DIGITUS

AWG 23/1

1200 MHz

10 Gbit Ethernet

CAT 7 1000 Mbps

100/1400

LSZH

Dca

CPR class

CAT 7 S/FTP Installation Cable, 100 m, Simplex, D_{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.

ASSMANN Electronic GmbH
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