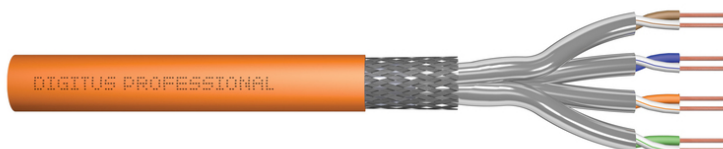


DIGITUS Cat.7 S/FTP installation cable, 100 m, simplex, B2ca

DK-1745-VH-1
EAN 4016032441779



CAT 7 S-FTP installation cable, 1200 MHz B2ca (EN 50575), AWG 23/1, 100 m ring,

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: B2ca according 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 EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosiveness: EN 60754-1/2 (LSOH)
- Smoke density: EN 61034-2
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: B2ca
- 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 Solutions (Chemical Product Resistance) and **Leitungsprodukttypen** (Cable product types) are detailed in this section. It lists categories like B2ca (Shielded Twisted Pair), Cca (Shielded Pair), Dca (Shielded Twisted Pair), and Eca (Shielded Twisted Pair) with their respective features and applications.

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This diagram illustrates the color coding for different cable categories: CAT 6A (Orange/Green), CAT 7 (Orange/Blue), CAT 7 S/FTP (Orange/Brown), CAT 7 S/FTP (Orange/Black), CAT 6 (Orange/White), and CAT 5E (Orange/White).

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Leitungsprodukttypen: Technische Eigenschaften

PROG.	JEIT	NEST	PRENEST	AJCS	FKAJCS	IKL	ELNEST	PRENEST
1.1	2.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
10	10.1	7.1	7.1	7.1.1	8.1	7.1	7.1	7.1
100	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
100	7.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
100	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
100	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
100	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
100	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1

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Produktinformation Product Information and **Physikalische Spezifikationen Physical Properties** are provided. The physical properties section includes data for Cable Diameter, Cable Weight, and Cable Length.

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Kabelquerschnitt (Cable cross section) diagram showing the internal structure of the cable with labels for Adressierung (Addressing), Adressierung (Addressing), Adressierung (Addressing), Adressierung (Addressing), Adressierung (Addressing), and Adressierung (Addressing).

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CAT 7 S/FTP Installation Cable, 100 m, Simplex, B2ca

- AWG 23/1
- 1200 MHz
- 10 Gbit Ethernet
- CAT 7
- LSZH
- B2ca CPR class

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DK-1745-VH1-1 // CAT 7 S/FTP Installation Cable, 100m, Simplex, B2ca

Anwendungsbeispiel (Example of use) showing the cable being used in a network setup.

