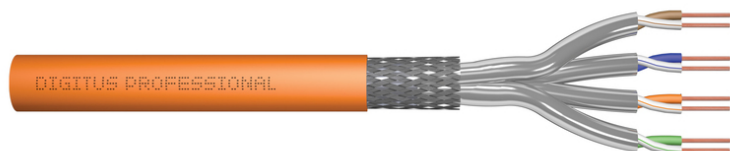


DIGITUS Cat.7 S/FTP installation cable, 1000 m, simplex, B2ca

DK-1745-VH-10
EAN 4016032435891



CAT 7 S-FTP installation cable, 1200 MHz B2ca (EN 50575), AWG 23/1, 1000 m drum,

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.

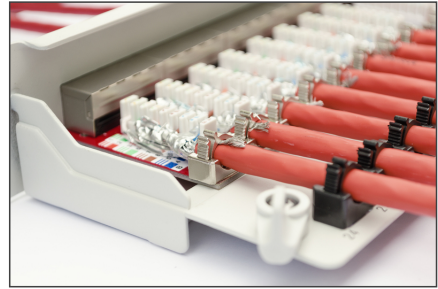
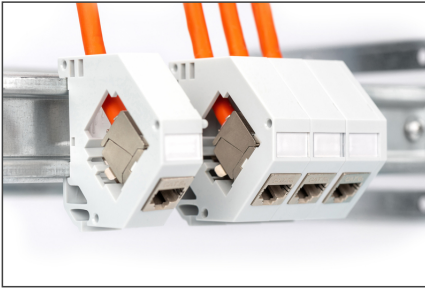
- Physical properties:
- Conductor: Bare copper wire, AWG 23/1
- System(s) of assessment and verification of constancy of performance: System 3
- Insulation: SFS-PE (foamed polyethylene jacket)
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: aluminum-laminated polyester film, covers 100%
- Overall shielding: copper braiding
- Outer sheath: 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: 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
- 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.
- Outer sheath: Dca-s2 d1 a1 according to EN 50575; LSZH
- 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%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: B2ca
- Length: 1000 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	47.00	55.00	55.00	35.00	105,875.00
Packaging Unit Inside	1	47.00	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	47.00	55.00	55.00	35.00	105,875.00
Net single without Packaging	1	0.00	55.00	55.00	35.00	0.00

More images:



CAT 7 S/FTP Installation Cable, 1,000 m, Simplex, B2_{ca}

- AWG 23/1
- 1200 MHz
- 10 Gbit Ethernet
- CAT 7 1,000 m
- 20/14/50°
- LSZH
- B2_{ca} CPRI class

DK.1745-VH-10 // CAT 7 S/FTP Installation Cable, 1000m, Simplex, B2_{ca}

Anwendungsbeispiel
Example of use

DK.1745-VH-10 // CAT 7 S/FTP Installation Cable, 1000m, Simplex, B2_{ca}

Kabelquerschnitt
Cable cross section

Produktinformationen Product Information

Bestandteile	1000m CAT 7 S/FTP Installation Cable, 1000m, Simplex, B2 _{ca}	Produkttyp	1000m CAT 7 S/FTP Installation Cable, 1000m, Simplex, B2 _{ca}
Bestandteile	1000m CAT 7 S/FTP Installation Cable, 1000m, Simplex, B2 _{ca}	Produkttyp	1000m CAT 7 S/FTP Installation Cable, 1000m, Simplex, B2 _{ca}

Technische Eigenschaften Technical Properties

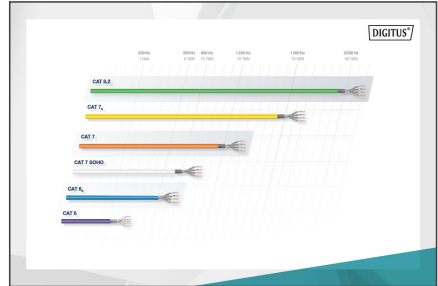
Hersteller	Digitus	Material	100% Polyethylene (PE) / 100% Polypropylene (PP)
Hersteller	Digitus	Material	100% Polyethylene (PE) / 100% Polypropylene (PP)

Mechanische Eigenschaften Mechanical Properties

Hersteller	Digitus	Material	100% Polyethylene (PE) / 100% Polypropylene (PP)
Hersteller	Digitus	Material	100% Polyethylene (PE) / 100% Polypropylene (PP)

Leitungsparameter Transmission Properties

PAIR	ATT	NEXT	PS NEXT	ACR	PS ACR	ISL	EXTEN	PS EXTEN
1	2	3	7	7	7	26	26	26
10	10	9	7	7	7	21	21	21
100	10	10	10	10	10	20	20	20
1000	10	10	10	10	10	19	19	19
10000	10	10	10	10	10	18	18	18
100000	10	10	10	10	10	17	17	17
1000000	10	10	10	10	10	16	16	16
10000000	10	10	10	10	10	15	15	15
100000000	10	10	10	10	10	14	14	14
1000000000	10	10	10	10	10	13	13	13
10000000000	10	10	10	10	10	12	12	12
100000000000	10	10	10	10	10	11	11	11
1000000000000	10	10	10	10	10	10	10	10
10000000000000	10	10	10	10	10	9	9	9
100000000000000	10	10	10	10	10	8	8	8
1000000000000000	10	10	10	10	10	7	7	7
10000000000000000	10	10	10	10	10	6	6	6
100000000000000000	10	10	10	10	10	5	5	5
1000000000000000000	10	10	10	10	10	4	4	4
10000000000000000000	10	10	10	10	10	3	3	3
100000000000000000000	10	10	10	10	10	2	2	2
1000000000000000000000	10	10	10	10	10	1	1	1
10000000000000000000000	10	10	10	10	10	0	0	0
100000000000000000000000	10	10	10	10	10	-1	-1	-1
1000000000000000000000000	10	10	10	10	10	-2	-2	-2
10000000000000000000000000	10	10	10	10	10	-3	-3	-3
100000000000000000000000000	10	10	10	10	10	-4	-4	-4
1000000000000000000000000000	10	10	10	10	10	-5	-5	-5
10000000000000000000000000000	10	10	10	10	10	-6	-6	-6
100000000000000000000000000000	10	10	10	10	10	-7	-7	-7
1000000000000000000000000000000	10	10	10	10	10	-8	-8	-8
10000000000000000000000000000000	10	10	10	10	10	-9	-9	-9
100000000000000000000000000000000	10	10	10	10	10	-10	-10	-10



Produktinformationen Product Information

Bestandteile	1000m CAT 7 S/FTP Installation Cable, 1000m, Simplex, B2 _{ca}	Produkttyp	1000m CAT 7 S/FTP Installation Cable, 1000m, Simplex, B2 _{ca}
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Technische Eigenschaften Technical Properties

Hersteller	Digitus	Material	100% Polyethylene (PE) / 100% Polypropylene (PP)
Hersteller	Digitus	Material	100% Polyethylene (PE) / 100% Polypropylene (PP)

Mechanische Eigenschaften Mechanical Properties

Hersteller	Digitus	Material	100% Polyethylene (PE) / 100% Polypropylene (PP)
Hersteller	Digitus	Material	100% Polyethylene (PE) / 100% Polypropylene (PP)

