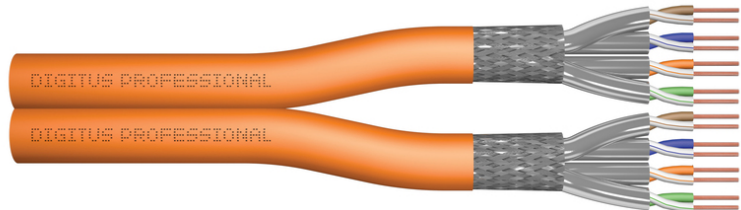


DIGITUS Cat.7 S/FTP installation cable, 500 m, duplex, Dca-s1a d1 a1

DK-1743-VH-D-5
EAN 4016032380573



CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 500m drum, DX, 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: 135N 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: 45pF/m nom. at 1KHz
- Capacitance: 40 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, corrosivity: 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: Dca
- Length: 500 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)	cm³
Packaging Unit Carton	1	57.00	55.00	55.00	35.00	105,875.00
Packaging Unit Inside	1	57.00	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	57.00	55.00	55.00	35.00	105,875.00
Net single without Packaging	1	57.00	0.00	0.00	0.00	0.00

More images:

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AWG 23/1 | 1200 MHz | 10 Gbit Ethernet | CAT 7 | 1.000 MHz | 20° / 50° | LSZH | Dca | GPR class

CAT 7 S/FTP Installation Cable, 500 m, Duplex, D_{ca}

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DK-1743-VH-D-5 // CAT 7 S/FTP Installation Cable, 500m, Duplex, D_{ca}

Anwendungsbeispiel
Example of use

DK-63316 | DK-63325

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DK-1743-VH-D-5 // CAT 7 S/FTP Installation Cable, 500m, Duplex, D_{ca}

Kabelquerschnitt
Cable cross section

Außenmantel Outer jacket
Schichtisolierung Shielding
Flechtadern Twisted pair
Ablenkungsführung Diversion
Drahtleiter Wire
Ablenkungsführung Diversion
Ablenkungsführung Isolation
Drahtleiter Wire
Ablenkungsführung Isolation
Ablenkungsführung Isolation

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Produktinformationen Product Information	Physikalische Spezifikationen Physical Properties
Hersteller/Manufacturer: DIGITUS (China, Shenzhen) / DIGITUS (Germany, Berlin)	Typ/Type: CAT 7 S/FTP Installation Cable, 500m, Duplex, D _{ca}
Teilenummer/Part No.: DK-1743-VH-D-5	Material/Material: Polyethylene (PE) / Polyethylene (PE)
Produktbeschreibung/Product Description: CAT 7 S/FTP Installation Cable, 500m, Duplex, D _{ca}	Lebensdauer/Service Life: 10 years
Technische Eigenschaften/Electrical Properties:	Mechanische Eigenschaften/Mechanical Properties:
Impedanz/Impedance: 100 Ω	Strombelastbarkeit/Current Carrying Capacity: 100 mA
Leistungsdichte/Power Density: 100 W/m	Temperaturbereich/Temperature Range: -40 °C to +80 °C
Lebensdauer/Service Life: 10 years	Umweltbedingungen/Environmental Conditions: Humidity: 10% to 90% RH
Lebensdauer/Service Life: 10 years	Lebensdauer/Service Life: 10 years

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Leistungsparameter/Performance Parameters

Model	AT	MT	PE-MST	ACE	PE-ACE	PL	ELVET	PE-ELVET
10	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
20	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
30	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
40	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
50	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
60	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
70	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
80	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
90	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
100	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8

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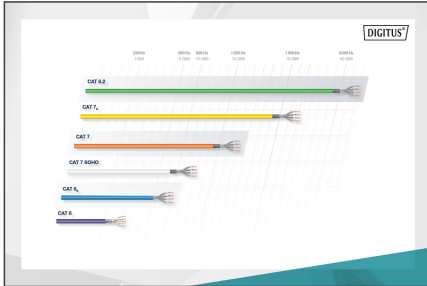
Certificate
No. 16378-19-1

Zertifikat
No. 16378-19-1

Category 7

Category 7

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CEP Evaluation

Compliance

Performance

Reliability

Service

Support

Documentation

Training

Warranty

Return Policy

Shipping

Installation

Testing

Inspection

Acceptance

Handover

Closeout

Final Review

Project Completion

