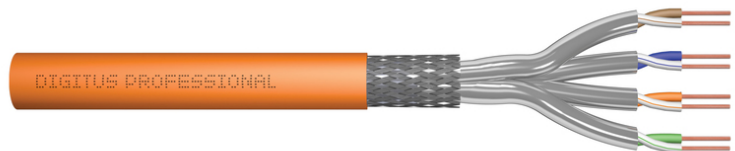


DIGITUS Cat.7 S/FTP installation cable, 500 m, simplex, Dca-s1a d1 a1

DK-1743-VH-5
EAN 4016032353997



CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 500 m drum, 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
- 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: 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

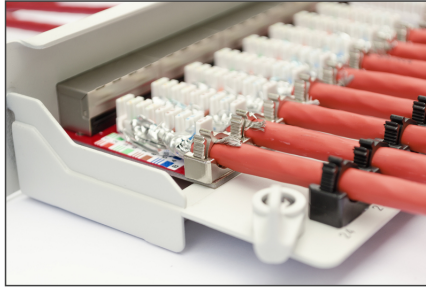
- Operating temperature range: -20 °C to +50 °C
- Installation temperature range: 0 °C to +50 °C
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45pF/m nom. at 1KHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- 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 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: 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	27.00	55.00	55.00	35.00	105,875.00
Packaging Unit Inside	1	27.00	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	27.00	55.00	55.00	35.00	105,875.00
Net single without Packaging	0	27.00	54.00	54.00	34.00	99,144.00

More images:



DIGITUS

AWG 23/1 | 1200 MHz | 10 Gbit Ethernet | CAT 7 | 20° / 150° | 6 | LSZH | D_{ca} | CPRI class

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

DIGITUS

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

Anwendungsbereich
Example of use

DIGITUS

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

Kabelquerschnitt
Cable cross section

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Produktdaten / Product Information		Physikalische Spezifikationen / Physical Properties	
Hersteller / Manufacturer	Digitus (China) Technology Inc. (China)	Hersteller / Manufacturer	Digitus (China) Technology Inc. (China)
Part No. / Part No.	DK-1743-VH-5 (1000 m) / DK-1743-VH-5 (500 m)	Part No. / Part No.	DK-1743-VH-5 (1000 m) / DK-1743-VH-5 (500 m)
Material / Material	PVC (Polyvinylchlorid) / PVC (Polyvinylchloride)	Material / Material	PVC (Polyvinylchlorid) / PVC (Polyvinylchloride)
Shielding / Shielding	20° / 150°	Shielding / Shielding	20° / 150°
Conductor / Conductor	23 AWG	Conductor / Conductor	23 AWG
Insulation / Insulation	1.0 mm	Insulation / Insulation	1.0 mm
Temperature / Temperature	-40°C to 75°C	Temperature / Temperature	-40°C to 75°C
Humidity / Humidity	10% to 90% RH	Humidity / Humidity	10% to 90% RH
Flammretardant / Flammretardant	LSZH	Flammretardant / Flammretardant	LSZH
RoHS / RoHS	Yes	RoHS / RoHS	Yes
REACH / REACH	Yes	REACH / REACH	Yes

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Leistungseigenschaften / Performance Properties

AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG
23	22	21	20	19	18	17	16	15	14
1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9

DIGITUS

Certificate
No. 19A13-19-E

Zertifikat
No. 19A13-19-E

Category 7

Category 7

Class E

Class E

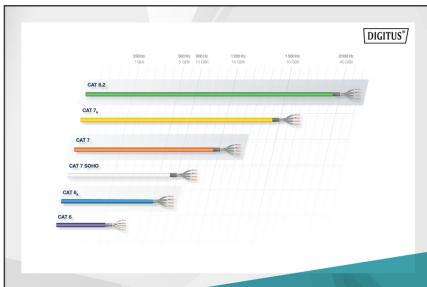
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Certificate
No. 19A14-21

Zertifikat
No. 19A14-21

Class E

Class E



DIGITUS

CEP System
Performance level

Leistungseigenschaften (CEP)
Category of performance (CEP)

Adaptier- und verifizierbare Werte
Table of the test data

System	Performance level	Category
B2ca	High	1+
Cca	High	1+
Dca	Medium	3
Eca	Low	3

Standard: Cca, s1a, d1, a1