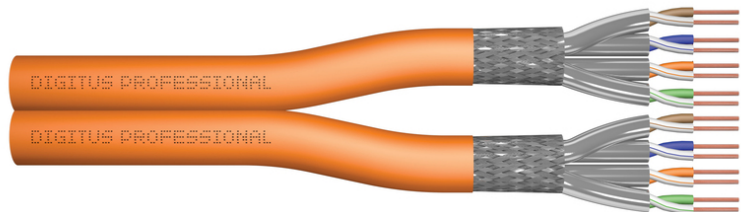


DIGITUS Cat.7 S/FTP installation cable, 500 m, duplex, Dca-s1a d1 a1

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	0	57.00	0.00	0.00	0.00	0.00

More images:

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

AWG 23/1
1200 MHz
10 Gbit Ethernet
20° / 50°
LSZH
D_{ca} Cat 7
CPL class

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

Anwendungsbispiel
Example of use

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

Kabelquerschnitt
Cable cross section

Labels: Außenmantel Outer jacket, Geflechtshielding Shielding, Faserdichtung Focusering, Adhäsionslage Adhesive layer, Abschirmung Isolation, Du-Diam. Core dia, Adresspaar Twisted pair

Produktdaten Product Information

Hersteller Digitus Cable Technology (HK) Limited 2/F, 23/F, 24/F, 25/F, 26/F, 27/F, 28/F, 29/F, 30/F, 31/F, 32/F, 33/F, 34/F, 35/F, 36/F, 37/F, 38/F, 39/F, 40/F, 41/F, 42/F, 43/F, 44/F, 45/F, 46/F, 47/F, 48/F, 49/F, 50/F, 51/F, 52/F, 53/F, 54/F, 55/F, 56/F, 57/F, 58/F, 59/F, 60/F, 61/F, 62/F, 63/F, 64/F, 65/F, 66/F, 67/F, 68/F, 69/F, 70/F, 71/F, 72/F, 73/F, 74/F, 75/F, 76/F, 77/F, 78/F, 79/F, 80/F, 81/F, 82/F, 83/F, 84/F, 85/F, 86/F, 87/F, 88/F, 89/F, 90/F, 91/F, 92/F, 93/F, 94/F, 95/F, 96/F, 97/F, 98/F, 99/F, 100/F	Physikalische Spezifikationen Physical Properties <table border="1"> <tr> <td>Leitungsgeometrie AWG 23/1</td> <td>Leitungsart S/FTP</td> <td>Leitungszahl 4</td> <td>Leitungsdiameter 0.23mm</td> <td>Leitungsbündeldiameter 11.5mm</td> <td>Leitungsbündelabstand 2.0mm</td> </tr> </table>	Leitungsgeometrie AWG 23/1	Leitungsart S/FTP	Leitungszahl 4	Leitungsdiameter 0.23mm	Leitungsbündeldiameter 11.5mm	Leitungsbündelabstand 2.0mm
Leitungsgeometrie AWG 23/1	Leitungsart S/FTP	Leitungszahl 4	Leitungsdiameter 0.23mm	Leitungsbündeldiameter 11.5mm	Leitungsbündelabstand 2.0mm		

Elektrische Eigenschaften Electrical Properties

Leitungsart S/FTP	Leitungsart S/FTP	Leitungsart S/FTP	Leitungsart S/FTP	Leitungsart S/FTP	Leitungsart S/FTP
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Mechanische Eigenschaften Mechanical Properties

Leitungsart S/FTP	Leitungsart S/FTP	Leitungsart S/FTP	Leitungsart S/FTP	Leitungsart S/FTP	Leitungsart S/FTP
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Leistungsparameter Transmission Properties

Frequency	Att	Ret	PL NEXT	ACR	PL ACK	PL	ELRET	PL SEVER
1	2	3	4	5	6	7	8	9
10	10	10	10	10	10	10	10	10
100	100	100	100	100	100	100	100	100
1000	1000	1000	1000	1000	1000	1000	1000	1000
10000	10000	10000	10000	10000	10000	10000	10000	10000
100000	100000	100000	100000	100000	100000	100000	100000	100000
1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000

Certificate
No. 165719-13-1

Zertifikat
No. 165719-13

Category 7

CAT 8 B
CAT 7
CAT 7 S/FTP
CAT 6

DIGITUS

CEP Evaluation

B2_{ca}	C_{ca}	D_{ca}	E_{ca}
High	High	Medium	Low

1+

3

CEP **st1a** **d1** **a1**