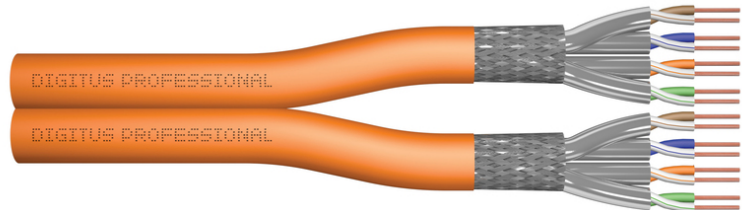


DIGITUS Cat.7 S/FTP installation cable, 500 m, duplex, Dca-s1a d1 a1

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 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	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:

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AWG 23/1
1200 MHz
10 Gbit Ethernet
20° / 50°
LSZH
Dca
CAT 7
1.000 MHz
Dca
CFR 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}

Anwendungsbispiel
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
Schichtenstruktur Shield structure
Flechtstruktur Braid structure
Ableitungsführung Drainage
Isolation Insulation
Drahtleiter Wire conductor
Amperepaar Twisted pair

DIGITUS

Produktdaten Product Information	Physikalische Spezifikationen Physical Properties
Hersteller / Manufacturer: DIGITUS (China, Shenzhen) / DIGITUS (China, Shenzhen) Hersteller-Teilnummer / Manufacturer Part No.: DK-1743-VH-D-5 // CAT 7 S/FTP Installation Cable, 500m, Duplex, Dca Hersteller-Teilnummer / Manufacturer Part No.: DK-1743-VH-D-5 // CAT 7 S/FTP Installation Cable, 500m, Duplex, Dca	Typ / Model: CAT 7 S/FTP Installation Cable, 500m, Duplex, Dca Material / Material: PVC Leitungsstruktur / Wiring Structure: 4x25 (25x25) 4x25 (25x25) Leitungsstruktur / Wiring Structure: 4x25 (25x25) 4x25 (25x25) Leitungsstruktur / Wiring Structure: 4x25 (25x25) 4x25 (25x25)
Elektrische Eigenschaften Electrical Properties	Mechanische Eigenschaften Mechanical Properties
Leitungsstruktur / Wiring Structure: 4x25 (25x25) 4x25 (25x25) Leitungsstruktur / Wiring Structure: 4x25 (25x25) 4x25 (25x25) Leitungsstruktur / Wiring Structure: 4x25 (25x25) 4x25 (25x25)	Leitungsstruktur / Wiring Structure: 4x25 (25x25) 4x25 (25x25) Leitungsstruktur / Wiring Structure: 4x25 (25x25) 4x25 (25x25) Leitungsstruktur / Wiring Structure: 4x25 (25x25) 4x25 (25x25)

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Leistungsparameter / Performance Parameters

PROG.	ACT	MEET	PL MEET	ACT	PL ACT	PL	ELVET	PL ELVET
1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54
55	56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99
100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117
118	119	120	121	122	123	124	125	126

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Certificate
No. 16373-19-1

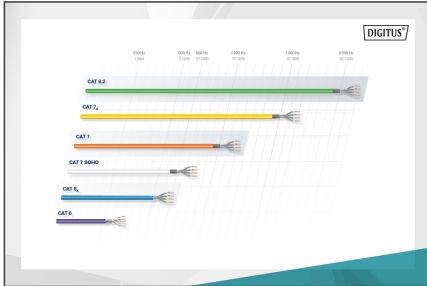
Zertifikat
No. 16373-19-1

Category 7

Category 7

GHMT Type Approval

GHMT Type Approval



DIGITUS

CFR Evaluation

CFR Evaluation	Brand/Model	Performance (dB)	Performance (dB)	Performance (dB)
B2ca	Very High	1+	1+	1+
Cca	High	3	3	3
Dca	Medium	3	3	3
Eca	Low	3	3	3

Brand/Model: Cca, s1a, d1, a1

