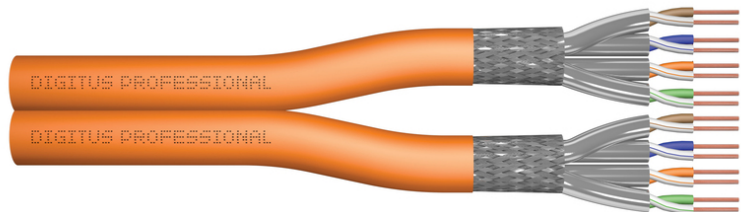


DIGITUS Cat.7 S/FTP installation cable, 500 m, duplex, Dca-s1a d1 a1

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)	cm ³
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 | Geflechtisolation Shielding insulation | Paraflechtung Parascreen | Adhäsionslage Adhesive layer | Adhäsionsisolation Adhesive insulation | Cu-Draht Conductor | Adhäsionslage Adhesive layer

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Produktinformation Product Information	Physikalische Spezifikationen Physical Properties
Hersteller/Manufacturer: DIGITUS (China, Shenzhen) / DIGITUS (Germany, Berlin)	Typ/Type: Netzwerkkabel / Network cable
Teilenummer/Part No.: DK-1743-VH-D-5	Material/Material: Polyethylen / Polyethylene
Produktbeschreibung/Product Description: CAT 7 S/FTP Installation Cable, 500m, Duplex, Dca	Lebensdauer/Service Life: 10 Jahre / 10 years
Technische Eigenschaften/Electrical Properties:	Mechanische Eigenschaften/Mechanical Properties:
Impedanz/Impedance: 100 Ohm	Steifigkeit/Rigidity: 100 N/cm
Leitfähigkeit/Conductivity: 5.8 x 10 ⁷ S/m	Bruchdehnung/Elongation at Break: 100%
Leitfähigkeit bei 20°C/Conductivity at 20°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 20°C/Elongation at Break at 20°C: 100%
Leitfähigkeit bei 50°C/Conductivity at 50°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 50°C/Elongation at Break at 50°C: 100%
Leitfähigkeit bei 75°C/Conductivity at 75°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 75°C/Elongation at Break at 75°C: 100%
Leitfähigkeit bei 100°C/Conductivity at 100°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 100°C/Elongation at Break at 100°C: 100%
Leitfähigkeit bei 125°C/Conductivity at 125°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 125°C/Elongation at Break at 125°C: 100%
Leitfähigkeit bei 150°C/Conductivity at 150°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 150°C/Elongation at Break at 150°C: 100%
Leitfähigkeit bei 175°C/Conductivity at 175°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 175°C/Elongation at Break at 175°C: 100%
Leitfähigkeit bei 200°C/Conductivity at 200°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 200°C/Elongation at Break at 200°C: 100%
Leitfähigkeit bei 225°C/Conductivity at 225°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 225°C/Elongation at Break at 225°C: 100%
Leitfähigkeit bei 250°C/Conductivity at 250°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 250°C/Elongation at Break at 250°C: 100%
Leitfähigkeit bei 275°C/Conductivity at 275°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 275°C/Elongation at Break at 275°C: 100%
Leitfähigkeit bei 300°C/Conductivity at 300°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 300°C/Elongation at Break at 300°C: 100%
Leitfähigkeit bei 325°C/Conductivity at 325°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 325°C/Elongation at Break at 325°C: 100%
Leitfähigkeit bei 350°C/Conductivity at 350°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 350°C/Elongation at Break at 350°C: 100%
Leitfähigkeit bei 375°C/Conductivity at 375°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 375°C/Elongation at Break at 375°C: 100%
Leitfähigkeit bei 400°C/Conductivity at 400°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 400°C/Elongation at Break at 400°C: 100%
Leitfähigkeit bei 425°C/Conductivity at 425°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 425°C/Elongation at Break at 425°C: 100%
Leitfähigkeit bei 450°C/Conductivity at 450°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 450°C/Elongation at Break at 450°C: 100%
Leitfähigkeit bei 475°C/Conductivity at 475°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 475°C/Elongation at Break at 475°C: 100%
Leitfähigkeit bei 500°C/Conductivity at 500°C: 5.8 x 10 ⁷ S/m	Bruchdehnung bei 500°C/Elongation at Break at 500°C: 100%

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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. 16171-19-1

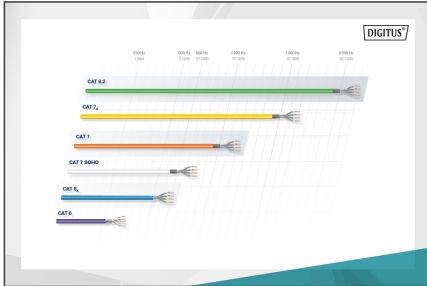
Zertifikat
No. 16171-19-1

Category 7

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GHMT Type Approval

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