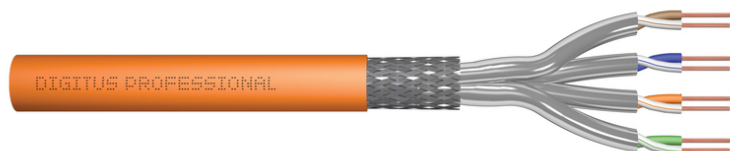


DIGITUS Cat.7 S/FTP installation cable, simplex, Dca-s1a d1 a1

DK-1743-VH-025
 EAN 4016032480778



CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 25m ring,SX, orange

The Digitus® Cat.7 S/FTP installation cable features the following cable structure 4x2x AWG23/1 and reaches a transmission frequency of up to 1200 MHz. The halogen-free cable sheath complies with the IEC 60332-3-24 standard, FRNC-C, LSZH-3, and BauPVO Euroclass Dca. The cable is suitable for structured building cabling in secondary and tertiary areas. Compliant with ISO/IEC 11801, DIN EN 50173, and DIN EN 50288-4-1 standards.

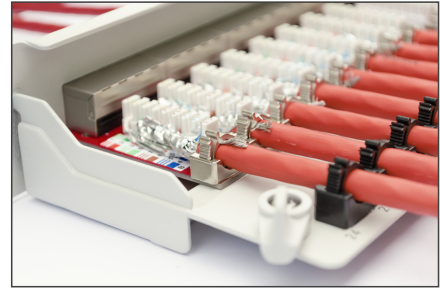
Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- System/s of AVCP: AVCP 3
- Insulation: SFS-PE (Foam-Skin Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of individual pairs: aluminum-clad polyester foil, covers 100%.
- Overall shielding: Copper braid
- Outer sheath: Dca- s2,d1,a1, acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0,50 mm (Eca); 0,52 mm (Dca); 0,60 mm (Cca); 0,60 (B2ca)
- Color: Orange (RAL 2008)
- Mechanical properties:
- Tensile loading: 135N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Shipping- and storage temperature range: -20 °C up to +60 °C
- Operating temperature range: -20 °C up to +50 °C

- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7,0 mm (Eca); 7,2 mm (Dca); 7,5 mm (Cca); 7,5 mm (B2ca)
- Weight (kg/km): 49,5 kg (Eca); 51 kg (Dca), 53 kg (Cca); 53 kg (B2ca)
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45 pF/m nominal @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. resistance unbalance)
- DC loop resistance: 190 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: CA-Type 1b
- Signal propagation delay: 450 nS/100 m max.
- Propagation delay: 10 nS/100 m max.
- Separating class: "d" acc. to EN 50174-2
- NVP: 79%
- NVP: 79%
- Flame spread: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosiveness: 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: 25 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	1.35	30.00	30.00	5.50	4,950.00
Packaging Unit Inside	1	1.35	30.00	30.00	5.50	4,950.00
Packaging Unit Single	1	1.35	30.00	30.00	5.50	4,950.00
Net single without Packaging	1	1.25	12.00	19.00	8.00	0.00

More images:



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AWG 23/1 | 1200 MHz | 10 Gbit Ethernet | CAT 7 1000 Mbps

207 +50° | LSZH | Dca CPE class

CAT 7 S/FTP Installation Cable, 25m, Simplex, D_{ca}

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DK-1743-VH-025 // CAT 7 S/FTP Installation Cable, 25m, Simplex, D_{ca}

Anwendungsbeispiel
Example of use

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DK-1743-VH-025 // CAT 7 S/FTP Installation Cable, 25m, Simplex, D_{ca}

Kabelquerschnitt
Cable cross section

Labels: Außenmantel Outer jacket, Abschirmung Shielding, Da-Draht Cu-Wire, Adresspaar twisted pair, Abschirmung braided shield, Abschirmung braid, Paarschirmung Pairscreen.

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Produktdaten Produkt Information

Produktname	DK-1743-VH-025 (25m, Simplex, D _{ca})	Typ	10 Gbit Ethernet CAT 7 1000 Mbps
Part Number	DK-1743-VH-025 (25m, Simplex, D _{ca})	Lebensdauer	20 Jahre
Material	LSZH (Low Smoke Zero Halogen)	Lebensdauer (Lebensdauer)	20 Jahre
Material	LSZH (Low Smoke Zero Halogen)	Lebensdauer (Lebensdauer)	20 Jahre

Technische Eigenschaften Technical Properties

Lebensdauer (Lebensdauer)	20 Jahre	Lebensdauer (Lebensdauer)	20 Jahre
Lebensdauer (Lebensdauer)	20 Jahre	Lebensdauer (Lebensdauer)	20 Jahre

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Lebensdauerstrahlungs-Transmissions Properties

PROZ	NET	NET	PROZ	NET	PROZ	NET	PROZ	NET
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

GHMT

Certificate
No. 1914-19-1

Category 7

Zertifikat
Nr. 1914-19-1

Kategorie 7

GHMT Type Approval

GHMT

Certificate
No. 1914-21

Class 5

Zertifikat
Nr. 1914-21

Klasse 5

GHMT Type Approval

DIGITUS

Lebensdauerstrahlungs-Transmissions Properties

PROZ NET NET PROZ NET PROZ NET PROZ NET

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

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Lebensdauerstrahlungs-Transmissions Properties

PROZ NET NET PROZ NET PROZ NET PROZ NET

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

