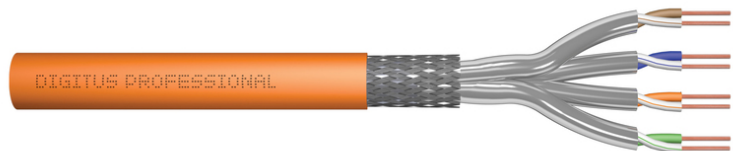


DIGITUS Cat.7 S/FTP installation cable, 100 m, simplex, Dca-s1a d1 a1

DK-1743-VH-1
EAN 4016032392101



CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 100 m ring, 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.

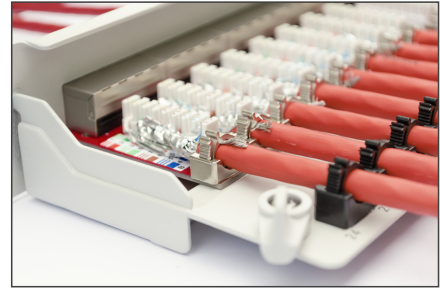
Future-oriented standards and high-end quality for your network.

- 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
- Color: Orange (RAL 2008)
- Mechanical properties:
- Strain relief: 150N 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: 45 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: 100 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	5.16	33.00	33.00	11.00	11.98
Packaging Unit Inside	1	5.16	33.00	33.00	11.00	11.98
Packaging Unit Single	1	5.16	33.00	33.00	11.00	11.98
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



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AWG 23/1 | 1200 MHz | 10 Gbit Ethernet | CAT 7 100m

27°/±50° | LSZH | Dca CPE class

CAT 7 S/FTP Installation Cable, 100m, Simplex, D_{ca}

DIGITUS

DK-1743-VH-1 // CAT 7 S/FTP Installation Cable, 100m, Simplex, D_{ca}

Anwendungsbeispiel
Example of use

DIGITUS

DK-1743-VH-1 // CAT 7 S/FTP Installation Cable, 100m, Simplex, D_{ca}

Kabelquerschnitt
Cable cross section

Labels: Außenmantel Outer jacket, Abschirmung Shielding, Dca-Quart Co-Quart, Abschirmung Shielding, Paarung Twisted pair, Paarung Twisted pair, Paarung Twisted pair, Paarung Twisted pair.

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Produktdaten / Product Information

Produktname / Product name	DK-1743-VH-1 // CAT 7 S/FTP Installation Cable, 100m, Simplex, D _{ca}	Produkttyp / Product type	100m Simplex D _{ca} CAT 7 S/FTP Installation Cable
Hersteller / Manufacturer	DIGITUS	Material / Material	LSZH (Low Smoke Zero Halogen)
Norm / Standard	ISO/IEC 11801-2:2002, ISO/IEC 11801-3:2002, ISO/IEC 11801-3:2002 Amendment 1	Lebensdauer / Lifetime	10 Jahre / 10 years
Lebensdauer / Lifetime	10 Jahre / 10 years	Temperaturbereich / Temperature range	-20°C bis +70°C / -20°C to +70°C
Lebensdauer / Lifetime	10 Jahre / 10 years	Lebensdauer / Lifetime	10 Jahre / 10 years

Technische Eigenschaften / Technical Properties

Lebensdauer / Lifetime	10 Jahre / 10 years	Lebensdauer / Lifetime	10 Jahre / 10 years
Lebensdauer / Lifetime	10 Jahre / 10 years	Lebensdauer / Lifetime	10 Jahre / 10 years
Lebensdauer / Lifetime	10 Jahre / 10 years	Lebensdauer / Lifetime	10 Jahre / 10 years

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Leistungseigenschaften / Transmission Properties

PROZ.	NETZ	NETZ	PLAQUE	ALU	PLAQUE	ALU	NETZ	NETZ
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. 19184-13-E

Category 7

Zertifikat
Nr. 19184-13-E

Kategorie 7

2 Connector Permanent Link, Simplex, Class 7

GHMT Type Approval

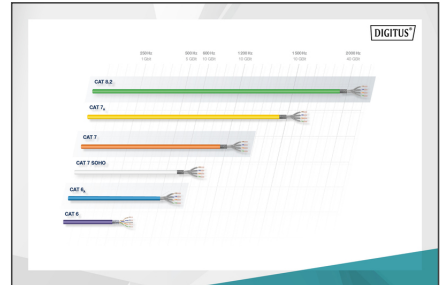
GHMT

Certificate
No. 19184-21

Class 5e

2 Connector Permanent Link, Simplex, Class 5e

GHMT Type Approval



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LFZ System

B2+	High	1+	High
Cca	High	3	High
Dca	High	3	High
Eca	Low	3	High

Labels: Cca, s1a, d1, a1

