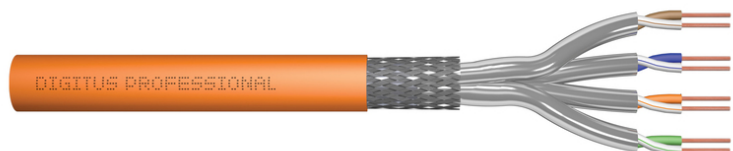


DIGITUS Cat.7 S/FTP installation cable, 100 m, simplex, Dca-s1a d1 a1

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.

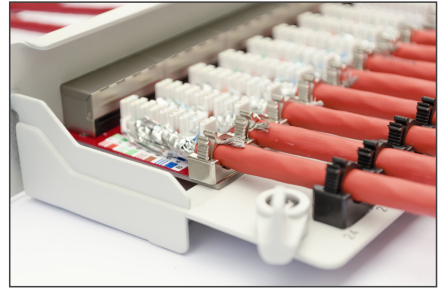
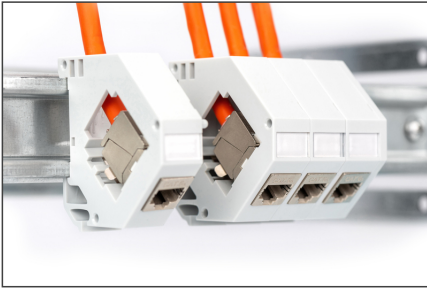
Future-oriented standards and high-end quality for your network.

- 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)	cm³
Packaging Unit Carton	1	5.20	33.00	33.00	11.00	12.00
Packaging Unit Inside	1	5.16	33.00	33.00	11.00	12.00
Packaging Unit Single	1	5.10	33.00	33.00	11.00	12.00
Net single without Packaging	0	5.10	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

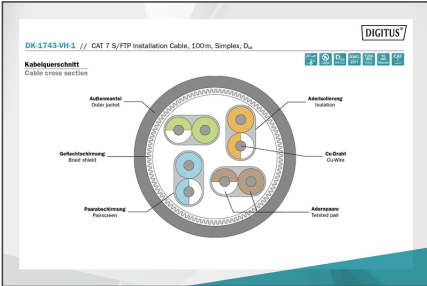
27°/±50° LSZH Dca CPD class

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



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Produktdaten / Product Information		Physikalische Spezifikationen / Physical Properties	
Bezeichnung / Part Number	DK-1743-VH-1 // CAT 7 S/FTP Installation Cable, 100m, Simplex, D _{ca}	Typ / Model	DK-1743-VH-1 // CAT 7 S/FTP Installation Cable, 100m, Simplex, D _{ca}
Hersteller / Manufacturer	DIGITUS	Material / Material	LSZH (Low Smoke Zero Halogen)
Norm / Standard	ISO/IEC 11801-3 Class E, ANSI/TIA-568-C.2-1	Leistung / Power	10 Gbit Ethernet
Leistung / Power	10 Gbit Ethernet	Temperaturbereich / Temperature Range	-20°C bis +70°C
Lebensdauer / Lifetime	30 Jahre / 30 Years	Umweltbedingungen / Environmental Conditions	ISO 9001:2015, ISO 14001:2015

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Leistungseigenschaften / Performance Properties

PROZ.	100	200	300	400	500	600	700	800	900	1000
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

GHMT

Certificate No. 191819-13-E
Zertifikat Nr. 191819-13-E

Category 7
Kategorie 7

3 Connector Permanent Link, Copper, Class E
3-Stecker Permanent Link, Kupfer, Klasse E

GHMT Type Approval

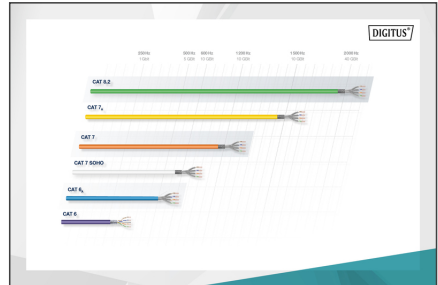
GHMT

Certificate No. 191819-21
Zertifikat Nr. 191819-21

Class E
Klasse E

3 Connector Permanent Link, Copper, Class E
3-Stecker Permanent Link, Kupfer, Klasse E

GHMT Type Approval



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LFZ System / Product Code: B2+, Cca, Dca, Eca

Brandenklasse / Fire Protection Class: s1a, d1, a1

Leistungseigenschaften / Performance Properties: 1+, 3

Abgleich für verbindliche Tests / Calibration for binding tests

Zusammenfassung / Summary

- Temperaturbereich / Temperature Range
- Feuchtigkeit / Humidity
- Vibration / Vibration
- Mechanische Belastung / Mechanical Load

