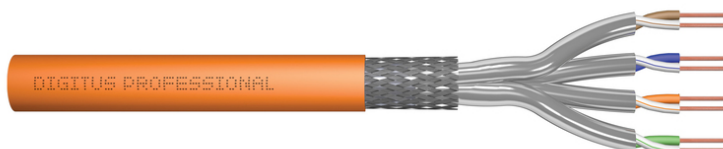


DIGITUS Cat.7 S/FTP installation cable, 100 m, simplex, Dca-s1a d1 a1

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	5.16	33.00	33.00	11.00	11,979.00
Packaging Unit Inside	1	5.16	33.00	33.00	11.00	11,979.00
Packaging Unit Single	1	5.16	33.00	33.00	11.00	11,979.00
Net single without Packaging	1	0.00	33.00	33.00	11.00	0.00

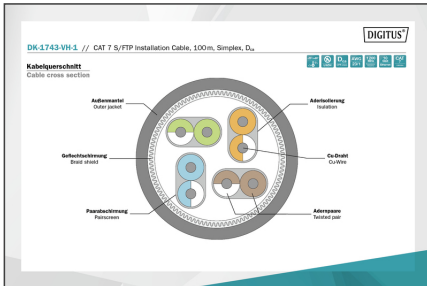
More images:



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

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

Anwendungsbeispiel
Example of use



Produktinformation Product Information

Produktname	DK-1743-VH-1 // CAT 7 S/FTP Installation Cable, 100m, Simplex, D _{ca}	Produkttyp	Installation Cable
Hersteller	DIGITUS	Material	PVC
Artikelnummer	DK-1743-VH-1	Farbe	Orange
Abmessungen	100m	Abmessungen	23 AWG

Technische Eigenschaften Technical Properties

Übertragungsfrequenz	1200 MHz	Übertragungsgeschwindigkeit	10 Gbit/s
Übertragungskapazität	10 Gbit/s	Übertragungslänge	100m
Übertragungsdistanz	100m	Übertragungsdistanz	100m

Mechanische Eigenschaften Mechanical Properties

Übertragungsdistanz	100m	Übertragungsdistanz	100m
Übertragungsdistanz	100m	Übertragungsdistanz	100m

Leistungseigenschaften Transmission Properties

PROZ.	ATT.	REZ.	PL-MERT.	ACH.	PL-ACH.	IL.	RL-EXT.	PL-EXT.
1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
20	21	22	23	24	25	26	27	28
30	31	32	33	34	35	36	37	38
40	41	42	43	44	45	46	47	48
50	51	52	53	54	55	56	57	58
60	61	62	63	64	65	66	67	68
70	71	72	73	74	75	76	77	78
80	81	82	83	84	85	86	87	88
90	91	92	93	94	95	96	97	98
100	101	102	103	104	105	106	107	108

Certificate
No. v19139-13-E

Zertifikat
No. v19139-13-E

Category 7

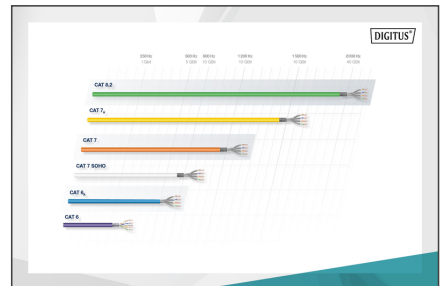
GHMT Type Approval

Certificate
No. v19139-21

Zertifikat
No. v19139-21

Class 5e

GHMT Type Approval



DIGITUS

LFZ System

B2 _{ca}	High	1+	• Temperaturbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit	S	Abriebbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit
C _{ca}	High	3	• Temperaturbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit	d	Abriebbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit
D _{ca}	High	3	• Temperaturbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit	a	Abriebbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit
E _{ca}	Low	3	• Temperaturbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit	a	Abriebbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit • Abriebbeständigkeit

Hersteller: C_{ca} s1a d1 a1



Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

ASSMANN Electronic GmbH
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