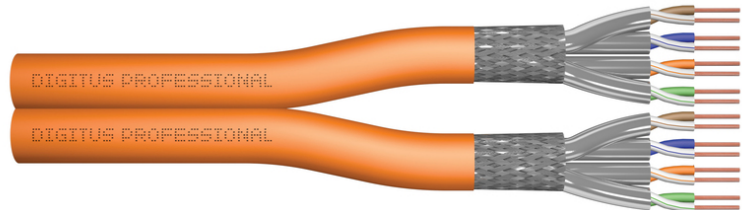


DIGITUS CAT 7 S/FTP installation cable, 100 m, duplex, Dca-s1a d1 a1

DK-1743-VH-D-1
EAN 4016032392118



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

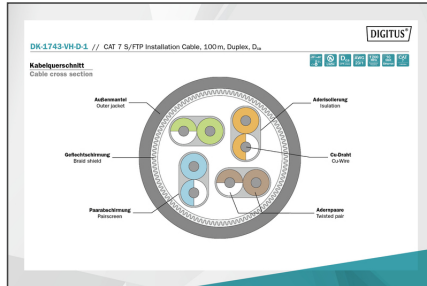
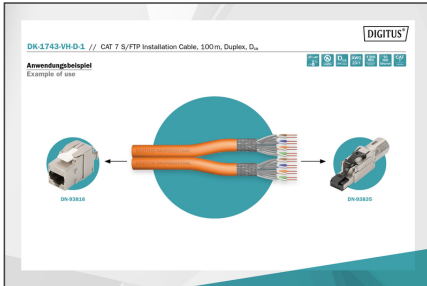
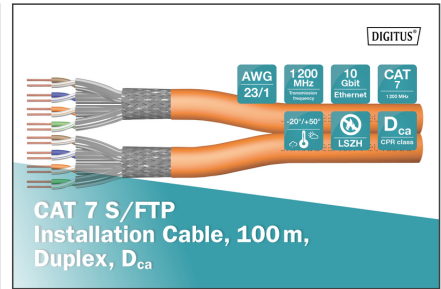
- Installation temperature range: 0 °C to +50 °C
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45pF/m nom. at 1KHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm 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 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosivity: EN 60754-1/2 (LSOH)
- Smoke density EN 61034-2

Attributes

- 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	10.14	40.00	40.00	14.00	22,400.00
Packaging Unit Inside	1	10.14	36.00	36.00	16.00	20,736.00
Packaging Unit Single	1	10.14	40.00	40.00	14.00	22,400.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



Produktinformation Product Information		Physikalische Spezifikationen Physical Properties	
Anwendungsbereich Area of use: Home Cinema, Security, Data, Video, Professional, Industrial, Control, Energy, Medical, Telecommunications	Leiterleiter Conductor: Bare Copper, Bare Steel, Video (Plated)	Leiterleiter Conductor: Bare Copper, Bare Steel, Video (Plated)	Leiterleiter Conductor: Bare Copper, Bare Steel, Video (Plated)
AWG: 23/1	1200 MHz	10 Cat.7 Ethernet	CAT 7
207 x 507	6	LSZH	Dca
100 m	100 m	100 m	100 m

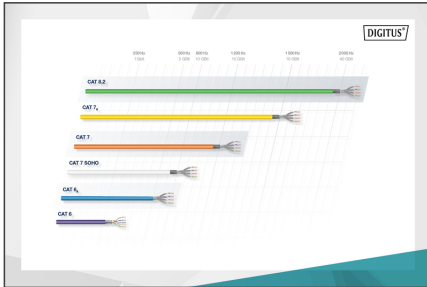
PAIR	AWG	207	507	1000	1500	2000	2500	3000	3500	4000	4500	5000
1	2	3	4	5	6	7	8	9	10	11	12	13
16	17	18	19	20	21	22	23	24	25	26	27	28
32	33	34	35	36	37	38	39	40	41	42	43	44
48	49	50	51	52	53	54	55	56	57	58	59	60
64	65	66	67	68	69	70	71	72	73	74	75	76
80	81	82	83	84	85	86	87	88	89	90	91	92
100	101	102	103	104	105	106	107	108	109	110	111	112
128	129	130	131	132	133	134	135	136	137	138	139	140

Certificate
No. 196339-19-6
Category 7

Zertifikat
No. 196339-19-6
Kategorie 7

CE
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Professional

CE
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Professional



Category	Shielding	Frequency	Shielding
B2ca	Shielded braid	1+	Shielded braid
Cca	Mesh	1+	Shielded braid
Dca	Mesh	3	Shielded braid
Eca	Shielded foil	3	Shielded braid

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
 Auf dem Schüffel 3
 Lüdenscheid, Germany
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