

DIGITUS® CAT 7 S/FTP data cable - installation cable, 500 m, simplex, Dca-s2, d1, a1

DK-1743-VH-5

EAN 4016032353997



CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 500 m drum, SX, orange

The Digitus Cat 7 installation cable is designed for use in structured data centers and building cabling in accordance with ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 61156-7, EN 50288-9-1. The cable is ideal for the transmission of analog and digital data and supports PoE, PoE+, 4PPoE (IEEE 802.3af;3at;3bt). The shield structure consists of individually 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
- Outer sheath thickness (nominal): 0.50 mm (Eca); 0.52 mm (Dca); 0.60 mm (Cca); 0.60 (B2ca)
- 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
- 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, corrosiveness: 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: 500 m
- Color: orange
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

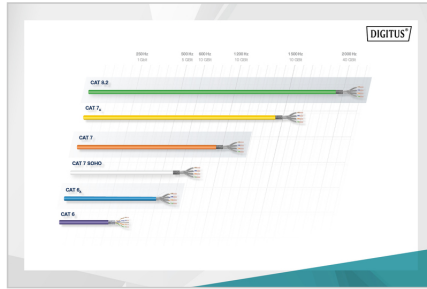
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	20	500.00	55.00	55.00	35.00	105.88
Packaging Unit Inside	1	27.00	55.00	55.00	35.00	105.88
Packaging Unit Single	1	27.00	55.00	55.00	35.00	105.88
Net single without Packaging	0	27.00	54.00	54.00	34.00	99.14

More images:



EN 50173	EN 50521	EN 50522	EN 50523	EN 50524	EN 50525	EN 50526	EN 50527	EN 50528	EN 50529
1	2	3	4	5	6	7	8	9	10
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

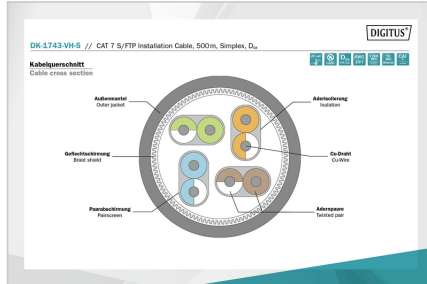
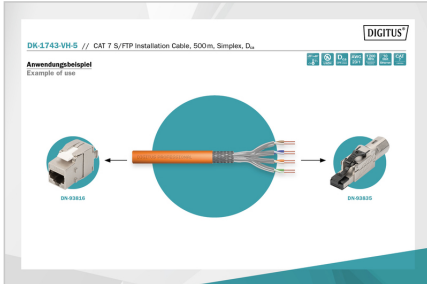
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40	41	42	43	44	45	46	47	48	49
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90	91	92	93	94	95	96	97	98	99



DIGITUS

AWG 23/1, 1200 MHz, 10 Gbit Ethernet, CAT 7, 20° / ±50°, LSZH, Dca Class

CAT 7 S/FTP Installation Cable, 500m, Simplex, Dca



Produktbeschreibung	Physikalische Spezifikationen	Mechanische Eigenschaften
<p>Produktbeschreibung</p> <p>Produktname: CAT 7 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktcode: DK-1743-VH-5</p> <p>Produktfamilie: CAT 7 S/FTP Installation Cable</p> <p>Produkttyp: CAT 7 S/FTP Installation Cable</p> <p>Produktgröße: 500m</p> <p>Produktfarbe: Orange</p> <p>Produktmaterial: LSZH</p> <p>Produktgewicht: 1,5kg</p> <p>Produktverpackung: 100m/Spool</p> <p>Produktanwendung: CAT 7 S/FTP Installation Cable</p> <p>Produktbeschreibung: CAT 7 S/FTP Installation Cable, 500m, Simplex, Dca</p>	<p>Physikalische Spezifikationen</p> <p>Standard: EN 50173-1, EN 50521-1, EN 50522-1, EN 50523-1, EN 50524-1, EN 50525-1, EN 50526-1, EN 50527-1, EN 50528-1, EN 50529-1</p> <p>Standardabweichung: ±0,1mm</p> <p>Standardabweichung: ±0,2mm</p> <p>Standardabweichung: ±0,3mm</p> <p>Standardabweichung: ±0,4mm</p> <p>Standardabweichung: ±0,5mm</p> <p>Standardabweichung: ±0,6mm</p> <p>Standardabweichung: ±0,7mm</p> <p>Standardabweichung: ±0,8mm</p> <p>Standardabweichung: ±0,9mm</p> <p>Standardabweichung: ±1,0mm</p> <p>Standardabweichung: ±1,1mm</p> <p>Standardabweichung: ±1,2mm</p> <p>Standardabweichung: ±1,3mm</p> <p>Standardabweichung: ±1,4mm</p> <p>Standardabweichung: ±1,5mm</p> <p>Standardabweichung: ±1,6mm</p> <p>Standardabweichung: ±1,7mm</p> <p>Standardabweichung: ±1,8mm</p> <p>Standardabweichung: ±1,9mm</p> <p>Standardabweichung: ±2,0mm</p>	<p>Mechanische Eigenschaften</p> <p>Standardabweichung: ±0,1mm</p> <p>Standardabweichung: ±0,2mm</p> <p>Standardabweichung: ±0,3mm</p> <p>Standardabweichung: ±0,4mm</p> <p>Standardabweichung: ±0,5mm</p> <p>Standardabweichung: ±0,6mm</p> <p>Standardabweichung: ±0,7mm</p> <p>Standardabweichung: ±0,8mm</p> <p>Standardabweichung: ±0,9mm</p> <p>Standardabweichung: ±1,0mm</p> <p>Standardabweichung: ±1,1mm</p> <p>Standardabweichung: ±1,2mm</p> <p>Standardabweichung: ±1,3mm</p> <p>Standardabweichung: ±1,4mm</p> <p>Standardabweichung: ±1,5mm</p> <p>Standardabweichung: ±1,6mm</p> <p>Standardabweichung: ±1,7mm</p> <p>Standardabweichung: ±1,8mm</p> <p>Standardabweichung: ±1,9mm</p> <p>Standardabweichung: ±2,0mm</p>



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.

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