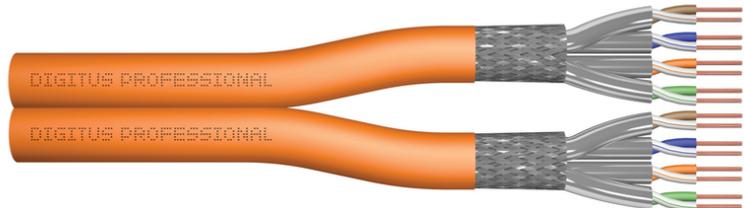


DIGITUS® CAT 7 S/FTP data cable - installation cable, 100 m, duplex, Cca

DK-1744-VH-D-1

EAN 4016032441748



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

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 60332-3-24, EN 50575. 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: Cca 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 EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosiveness: EN 60754-1/2 (LSOH)
- Smoke density EN 61034-2

Attributes

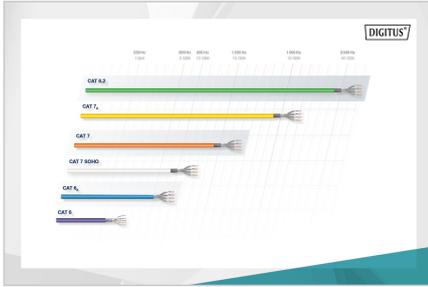
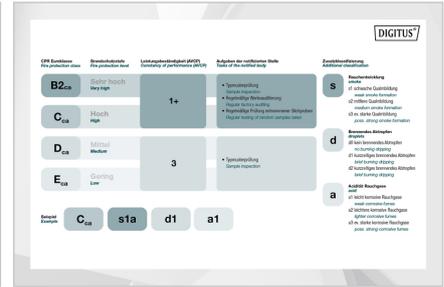
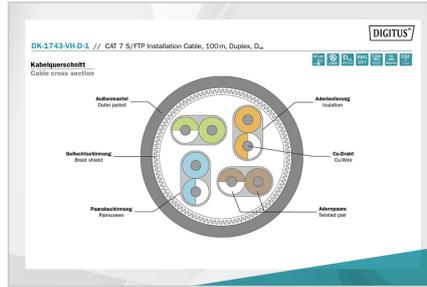
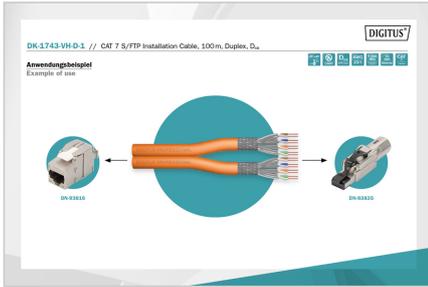
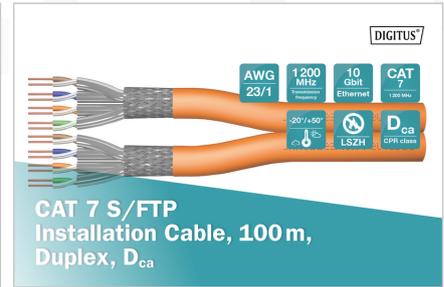
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Cca
- Length: 100 m
- Color: orange
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	10.18	38.00	38.00	14.00	20,216.00
Packaging Unit Inside	1	10.18	0.00	0.00	0.00	0.00
Packaging Unit Single	1	10.18	38.00	38.00	14.00	20,216.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



Produktinformation Product Information		Physikalische Spezifikationen Physical Properties	
Produktname Product Name	DK-1743-VH-D-1 // CAT 7 S/FTP Installation Cable, 100m, Duplex, D _{ca}	Teilenummer Part Number	DK-1743-VH-D-1
Produktbeschreibung Product Description	100m CAT 7 S/FTP Installation Cable, Duplex, D _{ca}	Hersteller Manufacturer	ASSMANN Electronic GmbH
Material Material	AWG 23/1, 1200 MHz, 10 Cat 7 Ethernet, 20°/1,50°	Material Material	AWG 23/1, 1200 MHz, 10 Cat 7 Ethernet, 20°/1,50°
Abmessungen Dimensions	100m, 100m, 100m	Abmessungen Dimensions	100m, 100m, 100m
Wichtige Eigenschaften Key Features	• 100m Länge • CAT 7 S/FTP • Duplex • D _{ca}	Wichtige Eigenschaften Key Features	• 100m Länge • CAT 7 S/FTP • Duplex • D _{ca}



CE		CE	
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Leitungsparameter Transmission Properties											
PAIR	AWG	NEST	NEST	NEST	AWG	PAIR	AWG	NEST	NEST	NEST	PAIR
1	2	24	24	24	24	24	24	24	24	24	24
10	18	24	24	24	24	24	24	24	24	24	24
100	18	24	24	24	24	24	24	24	24	24	24
200	18	24	24	24	24	24	24	24	24	24	24
300	18	24	24	24	24	24	24	24	24	24	24
400	18	24	24	24	24	24	24	24	24	24	24
500	18	24	24	24	24	24	24	24	24	24	24
600	18	24	24	24	24	24	24	24	24	24	24
700	18	24	24	24	24	24	24	24	24	24	24
800	18	24	24	24	24	24	24	24	24	24	24
900	18	24	24	24	24	24	24	24	24	24	24
1000	18	24	24	24	24	24	24	24	24	24	24

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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