

DIGITUS® CAT 7 S/FTP data cable - installation cable, 100 m, duplex, Dca-s2, 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 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: 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

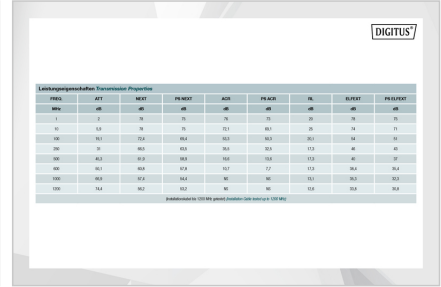
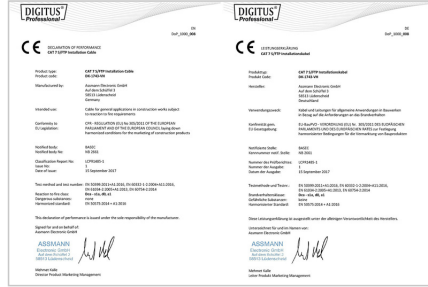
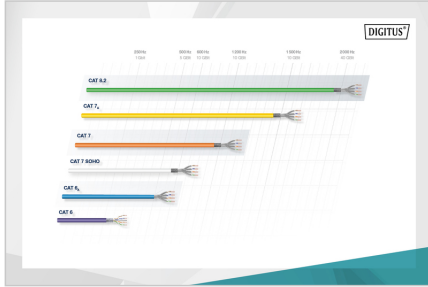
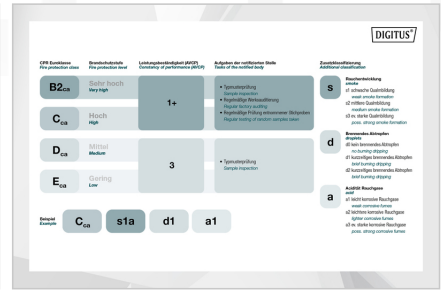
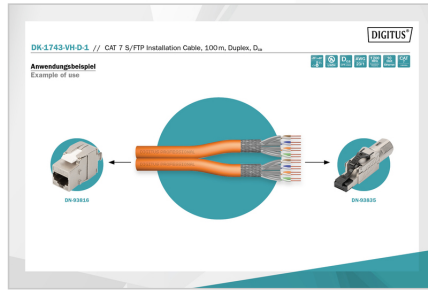
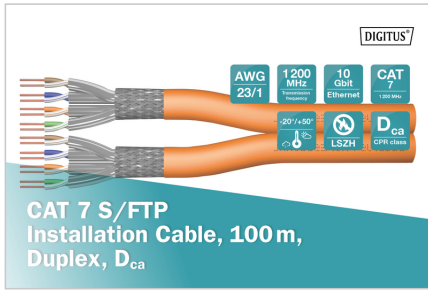
- Installation temperature range: 0 °C to +50 °C
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45pF/m nom. at 1KHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm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

Attributes

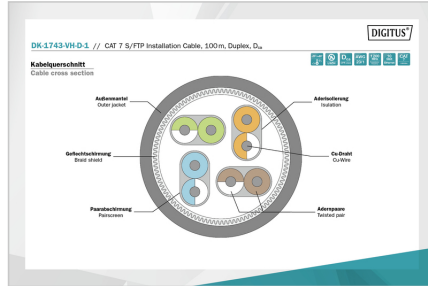
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 100 m
- Color: orange
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

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	10.02	40.00	40.00	14.00	22,400.00

More images:



Produktkennzeichen / Product Information	Physikalische Spezifikationen / Physical Properties
Produktkennzeichen DK-1743-WH-D-1 // CAT 7 S/FTP Installation Cable, 100m, Duplex, Dca	Physikalische Spezifikationen Kategorie: CAT 7 S/FTP Anzahl der Adressen: 4 Anzahl der Adressen: 4 Anzahl der Adressen: 4 Anzahl der Adressen: 4
Technische Eigenschaften Kategorie: CAT 7 S/FTP Anzahl der Adressen: 4 Anzahl der Adressen: 4 Anzahl der Adressen: 4 Anzahl der Adressen: 4	Mechanische Eigenschaften Länge: 100m Drahtdicke: 0,20mm Drahtabstand: 0,25mm Drahtabstand: 0,25mm Drahtabstand: 0,25mm



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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