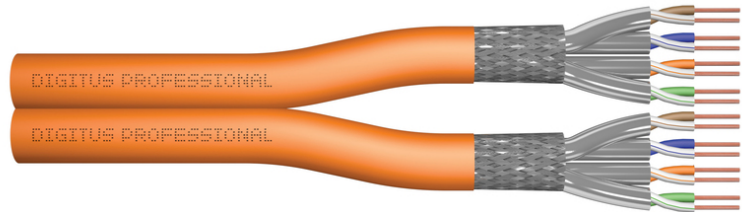


DIGITUS® CAT 7 S/FTP data cable - installation cable, 500 m, duplex, Dca-s2, d1, a1

DK-1743-VH-D-5

EAN 4016032380573



CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 500m drum, 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 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
- 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, corrosivity: EN 60754-1/2 (LSOH)
- Smoke density EN 61034-2

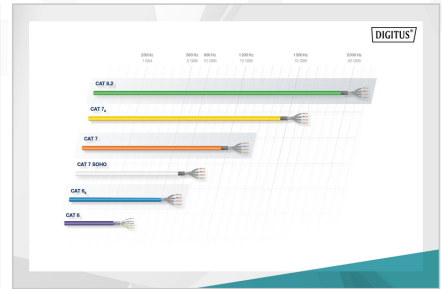
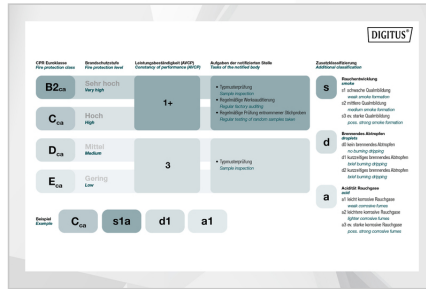
Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 500 m
- Color: orange
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics

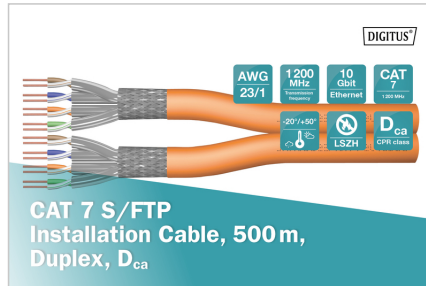
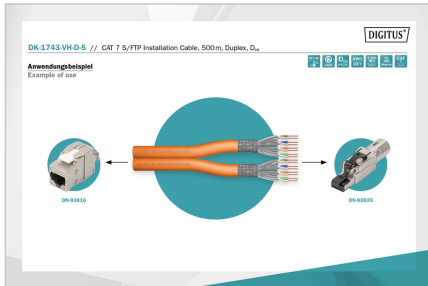
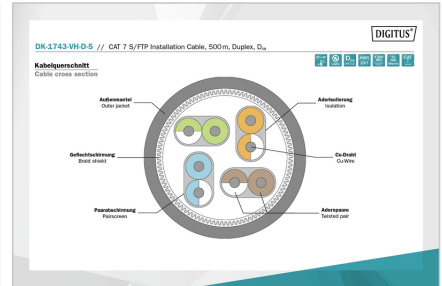
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	54.50	55.00	55.00	38.00	114,950.00
Packaging Unit Inside	1	54.50	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	54.50	55.00	55.00	38.00	114,950.00
Net single without Packaging	1	54.16	55.00	55.00	38.00	114,950.00

More images:



Leistungseigenschaften Transmission Properties											
PAIRS	ATT	NEST	PR-NEST	ACR	PL-ACR	SL	EL-NEST	PR-EL-NEST	ATT	NEST	PR-NEST
1	2	76	76	76	76	76	76	76	76	76	76
10	1.1	76	76	76	76	76	76	76	76	76	76
100	1.1	76	76	76	76	76	76	76	76	76	76
100	1.1	76	76	76	76	76	76	76	76	76	76
100	1.1	76	76	76	76	76	76	76	76	76	76
100	1.1	76	76	76	76	76	76	76	76	76	76
100	1.1	76	76	76	76	76	76	76	76	76	76
100	1.1	76	76	76	76	76	76	76	76	76	76
100	1.1	76	76	76	76	76	76	76	76	76	76
100	1.1	76	76	76	76	76	76	76	76	76	76
100	1.1	76	76	76	76	76	76	76	76	76	76

Produktinformationen Product Information											
Elektrische Eigenschaften Electrical Properties						Mechanische Eigenschaften Mechanical Properties					
Parameter	Value	Parameter	Value	Parameter	Value	Parameter	Value	Parameter	Value	Parameter	Value
Impedance	100 Ohm	Impedance	100 Ohm	Impedance	100 Ohm	Impedance	100 Ohm	Impedance	100 Ohm	Impedance	100 Ohm
Attenuation	1.1 dB/100m	Attenuation	1.1 dB/100m	Attenuation	1.1 dB/100m	Attenuation	1.1 dB/100m	Attenuation	1.1 dB/100m	Attenuation	1.1 dB/100m
Return Loss	15 dB	Return Loss	15 dB	Return Loss	15 dB	Return Loss	15 dB	Return Loss	15 dB	Return Loss	15 dB
Shielding Effectiveness	100 dB	Shielding Effectiveness	100 dB	Shielding Effectiveness	100 dB	Shielding Effectiveness	100 dB	Shielding Effectiveness	100 dB	Shielding Effectiveness	100 dB



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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