

DIGITUS Cat.7 S/FTP installation cable, 250 m, simplex, Dca-s1a d1 a1

DK-1743-VH-250
EAN 4016032480792



CAT 7 S-FTP Installationskabel, 1200 MHz Dca (EN 50575), AWG 23/1, 250 m box, SX, orange

The Digitus® Cat.7 S/FTP installation cable features the following cable structure 4x2x AWG23/1 and reaches a transmission frequency of up to 1200 MHz. The halogen-free cable sheath complies with the IEC 60332-3-24 standard, FRNC-C, LSZH-3, and BauPVO Euroclass Dca. The cable is suitable for structured building cabling in secondary and tertiary areas. Compliant with ISO/IEC 11801, DIN EN 50173, and DIN EN 50288-4-1 standards.

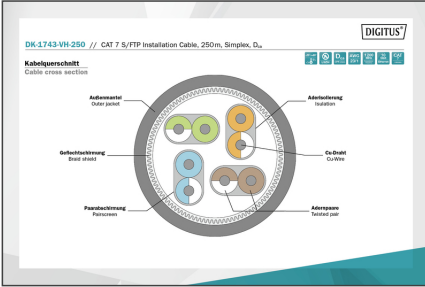
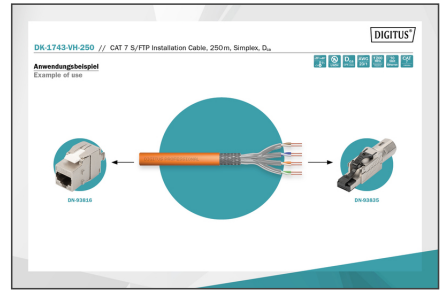
Future-oriented standards and high-end quality for your network.

- 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: Eca to B2ca in accordance with 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: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +75 °C
- Operating temperature range: -20 °C to +50 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter simplex (nominal): 7.0 mm (Eca); 7.2 mm (Dca); 7.5 mm (Cca); 7.5 mm (B2ca)

- Weight (kg/km): 49.5 kg (Eca); 51 kg (Dca), 53 kg (Cca); 53 kg (B2ca)
- 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%
- Assortment: Twisted pair installation cable
- Length: 250 m
- Category: CAT 7
- Color: orange
- CPR: Dca
- Coat: LSOH
- Shielding: S-FTP, pairs shielded in metal foil and braid
- Cable construction: 4 x 2 AWG 23/1, solid twisted pair
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 250 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	18	273.38	120.00	80.00	157.00	1,507,200.00
Packaging Unit Inside	1	15.19	40.00	40.00	30.00	48.00
Packaging Unit Single	1	15.19	40.00	40.00	30.00	48.00
Net single without Packaging	0	13.98	20.00	38.00	27.20	20.67

More images:



Produktinformation Product Information

Hersteller (Manufacturer)	Digitus GmbH, Germany (Digitus Technology)	Teilenummer (Part Number)	DK-1743-VH-250
Produktbeschreibung (Product Description)	Installation Cable, Simplex, D _s	Werkstoff (Material)	PVC
Farbe (Color)	Orange	Verpackungseinheit (Packaging Unit)	1000m/1000ft
Normen (Standards)	ISO/IEC 11801, ISO/IEC 61906-2, ISO/IEC 11801-1, ISO/IEC 11801-2, ISO/IEC 11801-3, ISO/IEC 11801-4, ISO/IEC 11801-5, ISO/IEC 11801-6, ISO/IEC 11801-7	Umwelt (Environment)	Indoor

Elektrische Eigenschaften Electrical Properties

Leitfähigkeit (Conductivity)	> 10 ⁷ S/m	Leitungsverlust (Conductance Loss)	< 0,001 dB/100m
Leitungsabweichung (Conductance Deviation)	± 0,5%	Leitungsverlust (Conductance Loss)	< 0,001 dB/100m
Leitungsabweichung (Conductance Deviation)	± 0,5%	Leitungsverlust (Conductance Loss)	< 0,001 dB/100m

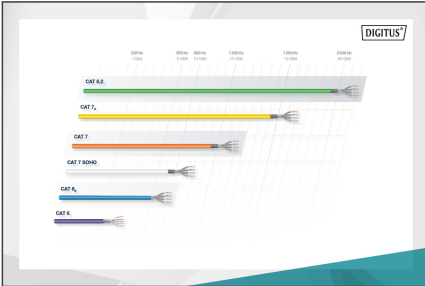
Mechanische Eigenschaften Mechanical Properties

Leitungsdurchmesser (Cable Diameter)	10,5mm	Leitungsbauart (Cable Construction)	Simplex, D _s
Leitungsdurchmesser (Cable Diameter)	10,5mm	Leitungsbauart (Cable Construction)	Simplex, D _s

Leistungspegelparameter Performance Properties

FFCD	AT	NEST	ALD	PL/ACR	PL	EL/EXT	PL/EXT
100	100	100	100	100	100	100	100
10	10	10	10	10	10	10	10
1	1	1	1	1	1	1	1
0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
0,001	0,001	0,001	0,001	0,001	0,001	0,001	0,001
0,0001	0,0001	0,0001	0,0001	0,0001	0,0001	0,0001	0,0001
0,00001	0,00001	0,00001	0,00001	0,00001	0,00001	0,00001	0,00001

Information: 100m period, 100m period, 100m period, 100m period, 100m period, 100m period, 100m period, 100m period.



DIGITUS

Off-Balance

Standardabweichung (Standard Deviation)

Leistungsdurchmesser (Cable Diameter)

Leitungsbauart (Cable Construction)

Leitungsbauart (Cable Construction)

Leitungsbauart (Cable Construction)

Leitungsbauart (Cable Construction)

Leitungsbauart (Cable Construction)

Leitungsbauart (Cable Construction)

Leitungsbauart (Cable Construction)

Leitungsbauart (Cable Construction)

Leitungsbauart (Cable Construction)

Leitungsbauart (Cable Construction)

