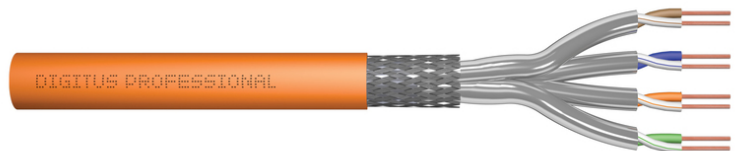


DIGITUS Cat.7 S/FTP installation cable, 250 m, simplex, Dca-s1a d1 a1

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.

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- System/s of AVCP: AVCP 3
- Insulation: SFS-PE (Foam-Skin Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of individual pairs: aluminum-clad polyester foil, covers 100%.
- Overall shielding: Copper braid
- Outer sheath: Dca- s2,d1,a1, acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0,50 mm (Eca); 0,52 mm (Dca); 0,60 mm (Cca); 0,60 (B2ca)
- Color: Orange (RAL 2008)
- Mechanical properties:
- Tensile loading: 135N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Shipping- and storage temperature range: -20 °C up to +60 °C
- Operating temperature range: -20 °C up to +50 °C

- Installation temperature range: 0 °C up to +50 °C
- Overall 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: 45 pF/m nominal @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. resistance unbalance)
- DC loop resistance: 190 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: CA-Type 1b
- Signal propagation delay: 450 nS/100 m max.
- Propagation delay: 10 nS/100 m max.
- Separating class: "d" acc. to EN 50174-2
- NVP: 79%
- NVP: 79%
- Flame spread: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosiveness: EN 60754-1/2 (LSOH)
- Smoke density: EN 61034-2
- Assortiment: Getwist paar Installatiekabels
- Categorie: CAT 7
- Afscherming: S-FTP, paren in metaalfolie- en vlechtscherming
- CPR: Dca
- Lengte: 250 m
- Kleur: oranje
- Mantel: LSOH
- Structuur: 4 x 2 AWG 23/1, massief getwist paar

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	1	15.19	40.00	40.00	30.00	48,000.00
Packaging Unit Inside	1	15.19	40.00	40.00	30.00	48,000.00
Packaging Unit Single	1	15.19	40.00	40.00	30.00	48,000.00
Net single without Packaging	1	13.98	20.00	38.00	27.20	0.00

More images:



DK-1743-VH-250 // CAT 7 S/FTP Installation Cable, 250m, Simplex, D₄

Anwendungsbispiel
Example of use

DK-1743-VH-250 // CAT 7 S/FTP Installation Cable, 250m, Simplex, D₄

Kabelquerschnitt
Cable cross section

- Außenmantel Outer jacket
- Auflösungsschicht Unshielded layer
- Selbstheilungsschicht Self-healing layer
- Paraschirmung Parascreen
- Auflösungsschicht Unshielded layer
- Co-Braid Co-Weave
- Außenmantel Outer jacket
- Mikroschirmung Microshielding

Produktinformation Product Information

Elektrische Eigenschaften Electrical Properties

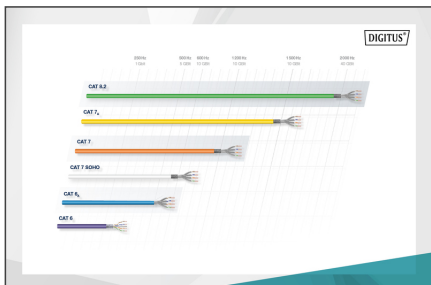
Mechanische Eigenschaften Mechanical Properties

Physikalische Spezifikationen Physical Properties

Leistungseigenschaften Performance Properties

FREQ.	ATT.	NEET	AISE	PL/ACR	NL	RE/EXT.	PL/EXT.
MHz	dB	dB	dB	dB	dB	dB	dB
1	1.1	26	76	19	20	39	26
10	1.3	34	71	17.1	16.1	29	19
100	1.61	35.6	64.6	16.1	14.6	26.1	16
1000	3	40.5	58.1	15.6	13.1	21	11
10000	10	47.9	49.1	15.1	11.1	17.1	7
100000	16.1	53.1	42.1	14.1	9.1	13.1	3.1
1000000	22.1	57.1	36.1	13.1	7.1	11.1	0.1

Intensität bei 100m gemäß DIN EN ISO/IEC 61082-2



GRN Evaluation

Standardisierungs-Organisationen

Leistungskategorie (IEC 61883)

Adaptation an vertikale Stecker

Qualitätsbewertung

Besondere Merkmale

