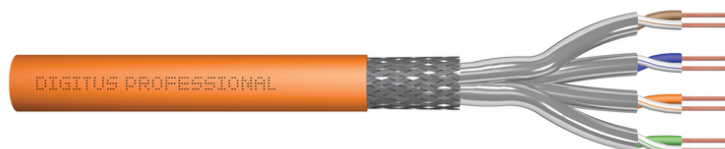


DIGITUS Cat.7 S/FTP installation cable, 250 m, simplex, Dca-s1a d1 a1

DK-1743-VH-250
EAN 4016032480792



CAT 7 S-FTP installation cable, 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.

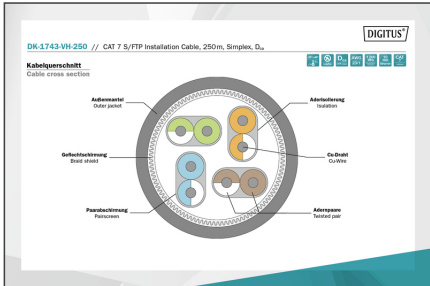
- Conductor: Bare copper wire, AWG 23/1
- System(s) of assessment and verification of constancy of performance: System 3
- Insulation: SFS-PE (foamed polyethylene jacket)
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- 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%

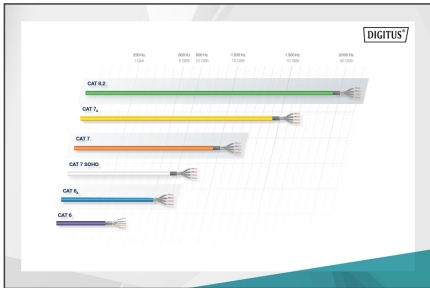
Attributes

- 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)	cm³
Packaging Unit Carton	18	251.64	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	13.98	0.00	0.00	0.00	0.00
Packaging Unit Single	1	13.98	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	105.88



DIGITUS[®]									
Leistungsparameterkatalog Transmitter Proportion									
PROB.	ART	MEAT	PA-MEAT	ASB	PA-ASB	INL	EL-EXT	PA-EXT	PRO-EXT
1	2	36	35	70	70	20	70	70	70
5	10	70	70	140	140	40	140	140	140
100	180	720	180	360	360	360	360	360	360
200	30	360	630	360	360	172	36	60	60
300	60	180	360	360	360	172	36	30	30
400	90	360	180	180	180	172	36	36	36
1000	360	144	36	36	36	172	36	36	36
1000	180	360	180	36	36	172	36	36	36

A white cardboard box with a blue base. The box has a handle on the right side and a red cable plugged into a port on the front. The text "MUTIS" is visible on the top left, and "三聯互通" is visible on the front left.

- 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.

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