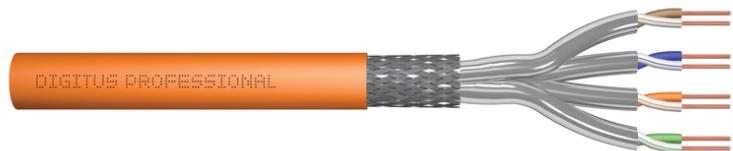


DIGITUS Cat.7 S/FTP installation cable, 500 m, simplex, Dca

DK-1743-VH-5
EAN 4016032353997



CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 500 m drum, SX, orange

The Digitus® Professional Cat.7 S/FTP installation cable is characterized by the following cable construction 4x2x AWG23/1 and reaches a transmission frequency up to 1200 MHz. The halogen free cable jacket is conform to the standard IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class Dca. The cable is suitable for building structured cabling in the secondary and tertiary area. Compliant with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.

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

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- 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
- Individual pair shielding: Aluminum foil, providing 100 % coverage
- Overall shielding: Copper braid
- Outer sheath: Eca to B2ca 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 2000)
- Mechanical properties:
- Tensile loading: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Shipping- and storage temperature range: -20 °C up to +75 °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: 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. resistance unbalance)
- DC loop resistance: 190 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: Grade 1 (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%
- Nominal cross section conductor: 0.2552
- Core insulation: Foam-Skin-PE
- Core identification: Colour
- Flame retardant: In accordance with EN 60332-3-24
- Stranding element: Pairs
- Colour outer sheath: Orange
- Category: 7
- Conductor material: Cu, bare
- Screen over stranding element: Foil
- Screen over stranding: Braiding
- Material outer sheath: Polyolefin
- Conductor category: Class 1 = solid
- Permitted cable outer temperature, in movement: -20 ... 75
- Permitted cable outer temperature, fixed: 0 ... 50
- AWG-size: 23
- Number of cores: 8
- Outer diameter approx.: 7.3
- Low smoke (acc. EN 61034-2): yes
- NVP value: 79
- Halogen free (acc. EN 60754-1/2): yes

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	27.00	54.00	54.00	34.00	99,144.00
Packaging Unit Inside	1	27.00	54.00	54.00	34.00	99,144.00
Packaging Unit Single	1	27.00	54.00	54.00	34.00	99,144.00
Net single without Packaging	1	26.84	54.00	54.00	34.00	99,144.00

More images:

