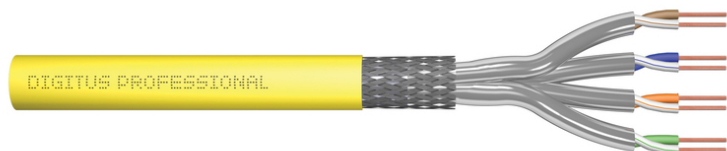


DIGITUS Cat.7A S/FTP installation cable, 1000 m, simplex, Cca

DK-1744-A-VH-10
EAN 4016032441694



CAT 7A S-FTP installation cable, 1500 MHz Cca (EN 50575), AWG 22/1, 1000 m drum, SX, yellow

The Digitus Cat 7 installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 61156-7, EN 50288-9-1. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE and POE+. The shielding structure is composed of single 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 annealed copper, solid AWG 22/1
- 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
- Individual pair shielding: Aluminum foil, providing 100 % coverage
- Overall shielding: Copper tinned braid
- Outer sheath: Cca acc. EN 50575; LSZH
- Outer sheath diameter 0,60 mm (Cca)
- Outer sheath color: Yellow (RAL 1028)
- 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 +60°C
- Operating temperature range: -20 °C up to +60 °C
- Temperature installation range: 0°C to +50°C
- Overall diameter Simplex (nominal) 7,8 mm (Cca)
- Weight (kg/km): 65 kg (Cca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-1000 MHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-ground): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC loop resistance: 147 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%
- Flame spread: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosiveness: EN 60754-1/2 (LSOH)
- Smoke density EN 61034-2

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	4	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	0	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	70.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	69.00	0.00	0.00	0.00	0.00

More images:

DK-1744-A-VH-10
CAT 7A S/FTP Installation Cable, 1000m, Simplex, C₁₂

DK-1744-A-VH-10
CAT 7A S/FTP Installation Cable, 1000m, Simplex, C₁₂

DK-1744-A-VH-10
CAT 7A S/FTP Installation Cable, 1000m, Simplex, C₁₂

Technical Specifications

Parameter	Value
Conductor Material	Copper
Conductor Diameter	0.25 mm
Conductor Spacing	2.0 mm
Insulation Material	Polyethylene
Insulation Thickness	0.15 mm
Shielding Material	Aluminum
Shielding Thickness	0.05 mm
Jacket Material	Polyethylene
Jacket Thickness	0.5 mm
Temperature Class	Class 1
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +100°C
Humidity	10% to 90% RH
Flammability	IEC 60332-1-2
RoHS	Compliant

Dimensions

Parameter	Value
Cable Diameter	10.0 mm
Conductor Diameter	0.25 mm
Insulation Thickness	0.15 mm
Shielding Thickness	0.05 mm
Jacket Thickness	0.5 mm

DK-1744-A-VH-10
CAT 7A S/FTP Installation Cable, 1000m, Simplex, C₁₂

Frequency [MHz]	Att [dB/100m]	Att [dB/100m]	Att [dB/100m]	Att [dB/100m]	Att [dB/100m]	Att [dB/100m]	Att [dB/100m]	Att [dB/100m]	Att [dB/100m]
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
100	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1000	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
1500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5

DK-1744-A-VH-10
CAT 7A S/FTP Installation Cable, 1000m, Simplex, C₁₂

DK-1744-A-VH-10
CAT 7A S/FTP Installation Cable, 1000m, Simplex, C₁₂