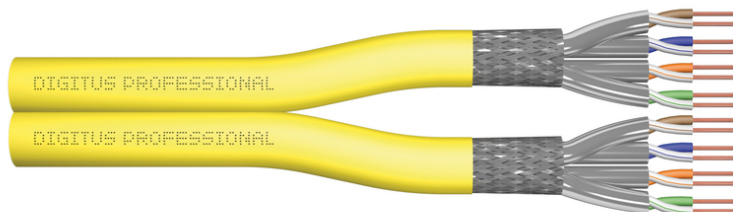


DIGITUS CAT 7A Class FA, S/FTP, Twisted Pair Installation Cable, 500m, Duplex, 1500 MHz

DK-1744-A-VH-D-5-P
EAN 4016032463726



CAT 7A S-FTP installation cable, 1500 MHz Cca, AWG 22/1, 500 m, DX, color yellow

The DIGITUS® Professional Cat.7A S/FTP installation cable is characterized by the following cable construction 4x2x AWG22/1 and reaches a transmission frequency up to 1500 MHz. The halogen free cable jacket is conform to the standard IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class Cca. 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 50288-9-1.

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

- Mechanical Properties:
- Tensile loading: 150 N max.
- 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 wire braid
- Outer sheath: DCA to CCA acc. to EN 50575
- Outer sheath diameter (nominal): 0.60 mm (CCA)
- Outer sheath color: Yellow (RAL 1028)
- Mechanical Properties
- Tensile loading: 150 N 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 +60 °C
- Installations temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 8.0 mm (CCA)
- Weight (kg/km): 68.0 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 resistance: 72 Ohm/km max. (2% max. resistance unbalance)
- DC loop resistance: 147 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: 80 dB
- Signal propagation delay: 450 nS/100 m max.
- Propagation delay: 10 nS/100 m max.
- Separating class: „d“ acc. to EN 50174-2
- NVP: 75 %
- Core insulation: Foam-Skin-PE
- Core identification: Colour
- Flame retardant: In accordance with EN 60332-3-24
- Flame retardant: In accordance with EN 60332-3-24
- Stranding element: Pairs
- Colour outer sheath: Yellow
- Category: 7A (IEC)
- Conductor material: Cu, bare
- Screen over stranding element: Foil
- Screen over stranding: Braiding
- Material outer sheath: PE (polyethylene)
- Conductor category: Class 1 = solid
- Permitted cable outer temperature, in movement: 0 ... 75
- Permitted cable outer temperature, fixed: -20 ... 60
- AWG-size: 22
- Number of cores: 16
- Outer diameter approx.: 8
- Low smoke (acc. EN 61034-2): yes
- NVP value: 75
- Halogen free (acc. EN 60754-1/2): yes

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	70.75	50.00	53.00	53.00	140,450.00
Packaging Unit Inside	1	70.75	50.00	53.00	53.00	140,450.00
Packaging Unit Single	1	70.75	50.00	53.00	53.00	140,450.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00