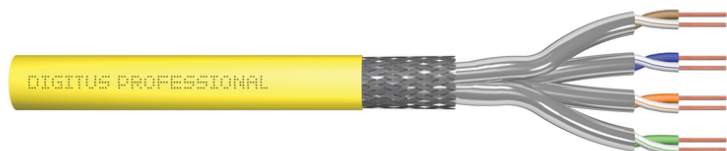


# DIGITUS Cat. 7A S/FTP, installation cable, 500 m, simplex, Dca

DK-1743-A-VH-5  
EAN 4016032363842



### CAT 7A S-FTP installation cable, 1500 MHz, Dca AWG 22/1, 500 m drum, SX, yellow

The DIGITUS® Professional cat. 7A S/FTP installation cable features the following cable structure 4x2x AWG22/1 and achieves a transmission frequency of up to 1500 MHz. The halogen-free cable sheath complies with the standards IEC 60332-3-24, FRNC-C, LSZH-3 and BauPVO Euroclass Dca. The cable is suitable for structured building cabling in secondary and tertiary areas. Complies with the standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-9-1.

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

- Physical properties:
- Cable: Bare copper wire AWG 22/1
- Insulation: SFS-PE (foamed polyethylene sheath)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: aluminum-covered polyester film, 100% coverage
- Overall shielding: Copper mesh
- Outer sheath: Halogen-free (FRNC-C/LSZH-3)
- Outer sheath thickness: 0.50 mm nominal
- Color: Sulfur yellow (RAL 1016)
- Length: 500 m
- Mechanical properties:
- Cable grip: 150 N 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 +60 °C
- Installation temperature range: 0 °C to +50 °C
- External diameter: 8.0 mm nominal
- Non-flammability: IEC 60332-3-24
- Halogen-free & smoke density: IEC 60754-2 & IEC 61034
- Fire load: 700 MJ/km

- Weight: 70 kg/km
- Electrical properties:
- Average impedance: 100±5 ohm at 1-600 MHz
- Capacity: 40 pF/m nominal @ 1 KHz
- Capacity unbalance (pair earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 Gohm x km min.
- Loop resistance: 147 ohm/km max. (2% max. non-balanced resistance)
- Operating voltage: 72 VDC max.
- Coupling attenuation: Grade 1 (CA type 1b)
- Phase delay: 450 nS/100 m max.
- Signal delay: 10 nS/100 m max.
- Segregation classification: "d" in accordance with EN 50174-2
- NVP: 75%
- NVP: 75%
- Nominal cross section conductor: 0.28
- Core insulation: Foam-Skin-PE
- Core identification: Colour
- 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: Polyolefin
- Conductor category: Class 1 = solid
- Permitted cable outer temperature, in movement: -20 ... 75
- Permitted cable outer temperature, fixed: 0 ... 50
- AWG-size: 22
- Number of cores: 8
- Outer diameter approx.: 7.3
- 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	67.50	53.00	53.00	43.50	122,192.00
Packaging Unit Inside	1	67.50	53.00	53.00	43.50	122,192.00
Packaging Unit Single	1	67.50	53.00	53.00	43.50	122,192.00
Net single without Packaging	1	67.16	53.00	53.00	43.50	122,192.00

**More images:**

