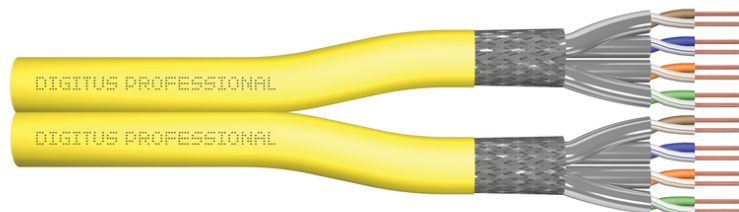


# DIGITUS CAT 7A S/FTP installation cable, 500 m, Duplex, B2ca

DK-1745-A-VH-D-5  
EAN 4016032435945



**CAT 7A S-FTP installation cable, 1500 MHz B2ca (EN 50575), AWG 22/1, 500 m drum, dx, yellow**

The DIGITUS® 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 CPR Euro class B2ca. The cable is suitable for building cabling in secondary and tertiary areas. Complies with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.

**DIGITUS® CAT 7A S/FTP installation cable 4x2x AWG22/1 up to 1500 MHz. The halogen-free cable sheath complies with the standards IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class B2ca. Complies with ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.**

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 22/1
- 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: yellow (RAL 1016)
- 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: 45 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: 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: 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%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7A
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: B2ca
- Length: 500 m
- Color: yellow
- Jacket: LSOH
- Structure: 4 x 2 AWG 22/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	66.25	55.00	55.00	47.50	143,688.00
Packaging Unit Inside	1	66.25	55.00	55.00	47.50	143,688.00
Packaging Unit Single	1	66.25	55.00	55.00	47.50	143,688.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:

**CAT 7A S/FTP**  
Installation Cable, 100 m,  
Duplex, B2<sub>ca</sub>

1500 MHz  
10 Gbit Ethernet  
AWG 22/1  
LSZH  
B2<sub>ca</sub> CPR class

**DK-1745-A-VH-D-S // CAT 7A S/FTP Installation Cable, 500m, Duplex, B2<sub>ca</sub>**

**Anwendungsbeispiel**  
Example of use

**DK-1745-A-VH-D-S // CAT 7A S/FTP Installation Cable, 500m, Duplex, B2<sub>ca</sub>**

**Kabelquerschnitt**  
Cable cross section

Labels: Außenmantel Outer jacket, Abschirmung Shielding, Sechsfachdring Six-core shield, Paraflechtung Parascreen, Abschirmung Isolation, Du-Diam. Conductor, Abschirmung Shielding

**Produktinformationen Product Information**

Hersteller / Manufacturer: Phoenix Contact, Schneider Electric, Industrial Ethernet, Phoenix Contact, Schneider Electric, Industrial Ethernet	Teilenummer / Part number: DK-1745-A-VH-D-S	Materialnummer / Material number: 1745-A-VH-D-S	Produktname / Product name: CAT 7A S/FTP Installation Cable, 500m, Duplex, B2 <sub>ca</sub>
Hersteller / Manufacturer: Phoenix Contact, Schneider Electric, Industrial Ethernet, Phoenix Contact, Schneider Electric, Industrial Ethernet	Teilenummer / Part number: DK-1745-A-VH-D-S	Materialnummer / Material number: 1745-A-VH-D-S	Produktname / Product name: CAT 7A S/FTP Installation Cable, 500m, Duplex, B2 <sub>ca</sub>

**Technische Eigenschaften Mechanical Properties**

Material / Material: PVC	Material / Material: PVC
Material / Material: PVC	Material / Material: PVC

**Leistungseigenschaften Transmission Properties**

Length	10G	10G	10G	10G	10G	10G	10G	10G
100m	100	100	100	100	100	100	100	100
200m	100	100	100	100	100	100	100	100
300m	100	100	100	100	100	100	100	100
400m	100	100	100	100	100	100	100	100
500m	100	100	100	100	100	100	100	100

Legend: CAT 6A (Yellow), CAT 7 (Orange), CAT 7 S/FTP (Blue), CAT 6 (Green), CAT 5e (Purple)

**Produktinformationen Product Information**

Hersteller / Manufacturer: Phoenix Contact, Schneider Electric, Industrial Ethernet, Phoenix Contact, Schneider Electric, Industrial Ethernet	Teilenummer / Part number: DK-1745-A-VH-D-S	Materialnummer / Material number: 1745-A-VH-D-S	Produktname / Product name: CAT 7A S/FTP Installation Cable, 500m, Duplex, B2 <sub>ca</sub>
---	---	---	---

**Technische Eigenschaften Mechanical Properties**

Material / Material: PVC	Material / Material: PVC
Material / Material: PVC	Material / Material: PVC

