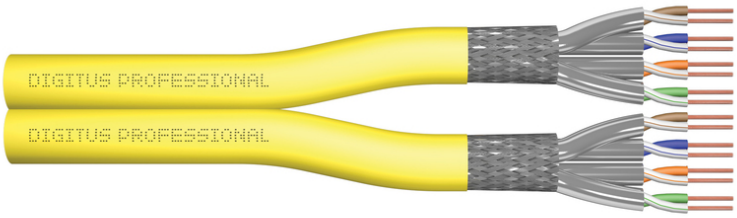
# DIGITUS® CAT 7A S/FTP Data Cable – Installation Cable, 500 Meters, Duplex, B2ca, GHMT PVP Certified

**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 construction: 4x2x AWG22/1, and achieves a transmission frequency of up to 1,500 MHz. The halogen-free cable jacket complies with the IEC 60332-3-24, FRNC-C, and LSZH-3 standards, as well as the Building Products Regulation (BauPVO) Euroclass B2ca. The cable is suitable for structured building cabling in secondary and tertiary areas. Compliant with the standards ISO/IEC 11801, DIN EN 50173, and DIN EN 50288-4-1.

**DIGITUS® Cat. 7A S/FTP Installation Cable 4x2x AWG22/1 up to 1500 MHz. The halogen-free cable jacket complies with the IEC 60332-3-24 standard, FRNC-C, LSZH-3, and the German Building Code (BauPVO) Euroclass B2ca. Compliant with ISO/IEC 11801, DIN EN 50173, and DIN EN 50288-4-1.**

- Physical Properties:
- Conductor: Bare copper wire, AWG 22/1
- Insulation: SFS-PE (foamed polyethylene jacket)
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-White, Orange-White, Green-White, Brown-White
- Shielding of individual pairs: aluminum-laminated polyester film, providing 100% coverage
- Overall shielding: copper braid
- Outer jacket: Eca to B2ca in accordance with EN 50575; LSZH
- Outer jacket thickness (nominal): 0.50 mm (Eca); 0.52 mm (Dca); 0.60 mm (Cca); 0.60 (B2ca)
- Color: Yellow (RAL 1016)
- Mechanical Properties:
- Tension relief: 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 +50 °C
- Installation temperature range: 0 °C to +50 °C
- Simplex Outer Diameter (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 ohms @ 4–1000 MHz; 100±25 ohms @ 100–600 MHz
- Capacitance: 45 pF/m nominal @ 1 kHz
- Capacitance asymmetry (pair-to-ground): 1.6 pF/m max. @ 1 kHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 ohms/km max. (2% max. unbalanced resistance)
- Loop resistance: 190 ohms/km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling Damping: CA Type 1b
- Phase delay: 450 nS/100 m max.
- Propagation delay: 10 nS/100 m max.
- Containment Class: “d” per EN 50174-2
- NVP: 74%

**Attributes**

- 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** | 8 | 530.00 | 110.00 | 110.00 | 102.00 | 1,234,200.00 |
| **Packaging Unit Inside** | 1 | 66.25 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Packaging Unit Single** | 1 | 66.25 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Net single without Packaging** | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

**More images:**

