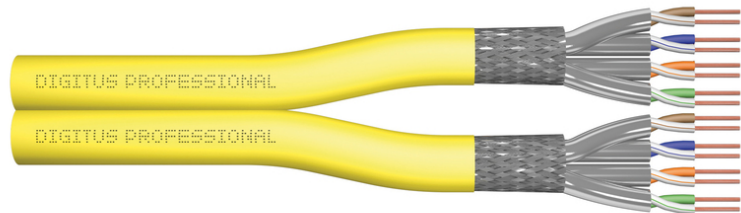


# DIGITUS® CAT 7A class FA, S/FTP, twisted pair data cable - installation cable, 500m, duplex, 1500 MHz, GHMT PVP certified

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® Cat.7A S/FTP installation cable is characterized by the following cable structure 4x2x AWG22/1 and achieves a transmission frequency of up to 1500 MHz. The halogen-free cable sheath conforms to the IEC 60332-3-24, FRNC-C, LSZH-3 and BauPVO Euroclass Cca standards. The cable is suitable for structured building cabling in secondary and tertiary areas. Conforms to 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
- 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 the individual pairs: Aluminum-laminated polyester film, covers 100%
- Overall shielding: copper braiding
- Outer sheath: Dca to CCA in accordance with EN 50575
- Outer sheath thickness (nominal): 0.60 mm (CCA)
- Outer sheath color: Yellow (RAL 1028)
- Mechanical properties
- Strain 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 up to +75 °C

- Operating temperature range: -20 °C up to +60 °C
- Installation temperature range: 0 °C up to +50 °C
- Outer 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-earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 72 Ohm/km max. (2% max. unbalanced resistance)
- Loop resistance: 147 Ohm/km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Insertion loss: 80 dB
- Phase delay: 450 nS/100 m max.
- Time delay: 10 nS/100 m max.
- Separation class: "d" according to EN 50174-2
- NVP: 75 %

### Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 7A
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Cca
- 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            | 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 | 0            | 0.00        | 0.00       | 0.00       | 0.00        | 0.00       |

