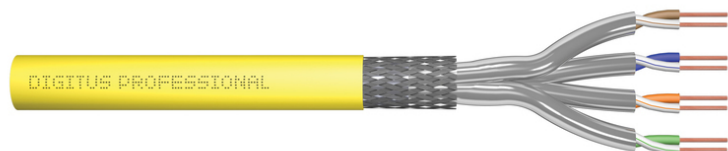


# DIGITUS CAT 7A S/FTP installation cable, 500 m, Simplex, B2ca

DK-1745-A-VH-5  
EAN 4016032435921



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

Digitus Cat 7A installation cable is designed for use in structured data center & building cabling in accordance with ISO/IEC 11801, DIN EN 50173, IEC 61156-7, EN 50288-9-1. Excellent for transmission of analog and digital, data, audio, video, signal transmission, 10 Gbit Ethernet, POE+. The shield structure consists of single shielded pairs with a tinned copper braid, which ensures excellent shielding and electrical values.

**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)
- 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 +60 °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%
- Flame spread: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosiveness: EN 60754-1/2 (LSOH)
- Smoke density: EN 61034-2
- 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            | 33.57       | 55.00      | 55.00      | 22.50       | 68,062.50 |
| Packaging Unit Inside        | 1            | 33.57       | 55.00      | 55.00      | 22.50       | 68,062.50 |
| Packaging Unit Single        | 1            | 33.57       | 55.00      | 55.00      | 22.50       | 68,062.50 |
| Net single without Packaging | 1            | 0.00        | 0.00       | 0.00       | 0.00        | 0.00      |

More images:

**Produktbeschreibung / Product description**

**Physikalische Spezifikationen / Physical Properties**

**Elektrische Eigenschaften / Electrical Properties**

**Mechanische Eigenschaften / Mechanical Properties**

**Leitungsgruppen-Trennungstabelle / Separation table**

| FRAG | ST | MT | PK-MST | AD | PK-AD | TK | BLKST | PK-BLKST |
|------|----|----|--------|----|-------|----|-------|----------|
| 1    | 1  | 1  | 1      | 1  | 1     | 1  | 1     | 1        |
| 2    | 2  | 2  | 2      | 2  | 2     | 2  | 2     | 2        |
| 3    | 3  | 3  | 3      | 3  | 3     | 3  | 3     | 3        |
| 4    | 4  | 4  | 4      | 4  | 4     | 4  | 4     | 4        |
| 5    | 5  | 5  | 5      | 5  | 5     | 5  | 5     | 5        |
| 6    | 6  | 6  | 6      | 6  | 6     | 6  | 6     | 6        |
| 7    | 7  | 7  | 7      | 7  | 7     | 7  | 7     | 7        |
| 8    | 8  | 8  | 8      | 8  | 8     | 8  | 8     | 8        |
| 9    | 9  | 9  | 9      | 9  | 9     | 9  | 9     | 9        |
| 10   | 10 | 10 | 10     | 10 | 10    | 10 | 10    | 10       |

**Certificate** No. 199574-11

**Zertifikat** Nr. 199574-11

**GHMT Type Approval**

**2 Geseiner Permanent Link, Copper, Class E**

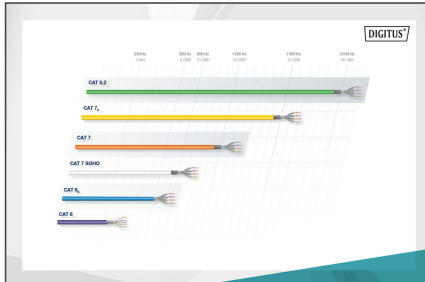
**2 Geseiner Permanent Link, Kupfer, Klasse E**

**CE Konformität**

**B2ca** **Cca** **Dca** **Eca**

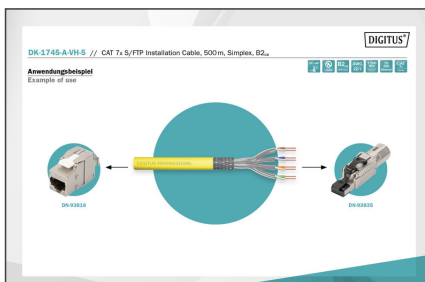
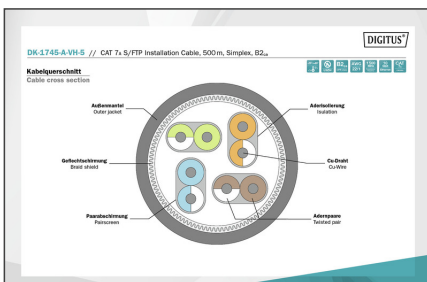
**1+** **3**

**Cca** **stA** **d1** **a1**



**CE** **CE**

**ASSMANN**



**DIGITUS**

**CAT 7A S/FTP Installation Cable, 500 m, Simplex, B2ca**

**AWG 22/1** **1500 MHz** **10 Gbit Ethernet** **CAT 7A** **B2ca** **LSZH** **CPR class 0**

