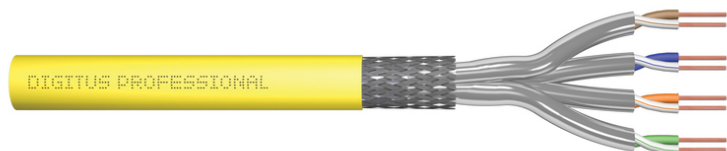


# DIGITUS CAT 7A S/FTP, installation cable, 500 m, simplex, Dca-s1a d1 a1

DK-1743-A-VH-5-LD  
EAN 4016032455394



### CAT 7A S-FTP installation cable, 1250 MHz Dca, AWG 23/1, 500 m drum, simplex, color yellow

The Digitus CAT 7A installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 61156-7, EN 50288-9-1. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE and POE+. The shielding structure is composed of single shielded pairs with a tinned copper braid, which ensures excellent shielding and electrical values.

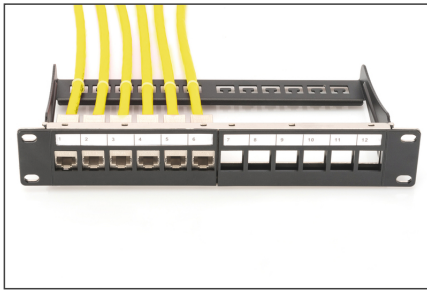
#### Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare copper wire, AWG 23/1
- System(s) for the assessment and verification of constancy of performance: System 3
- 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: tinned copper braiding
- Outer sheath: Dca to Cca in accordance with EN 50575; LSZH
- Outer sheath thickness (nominal): 0.60 mm (Dca); 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 to +60 °C
- Operating temperature range: -20 °C to +60 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter (nominal): 7.8 mm (Dca); 7.8 mm (Cca)
- Weight (kg/km): 65 kg (Dca); 65 kg (Cca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-1250 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.
- Loop resistance: 147 Ohm/Km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling attenuation: CA-Type 1b
- Phase delay: 450 nS/100 m max.
- Time delay: 10 nS/100 m max.
- Separation class: "d" according 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: Dca
- Length: 500 m
- Color: yellow
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

| Logistics                    |              |             |            |            |             |      |
|------------------------------|--------------|-------------|------------|------------|-------------|------|
|                              | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³  |
| Packaging Unit Carton        | 1            | 0.00        | 0.00       | 0.00       | 0.00        | 0.00 |
| Packaging Unit Inside        | 0            | 0.00        | 0.00       | 0.00       | 0.00        | 0.00 |
| Packaging Unit Single        | 1            | 33.50       | 0.00       | 0.00       | 0.00        | 0.00 |
| Net single without Packaging | 0            | 33.50       | 0.00       | 0.00       | 0.00        | 0.00 |

More images:



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1250 MHz  
10 Cat.7  
Ethernet  
AWG 23/1  
LSZH  
D ca  
CPR class

**CAT 7A S/FTP Installation Cable, 500 m, Simplex, D<sub>ca</sub>**

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DK-1743-A-VH-S-LD // CAT 7s/S/FTP Installation Cable, 500m, Simplex, D<sub>ca</sub>

**Anwendungsbeispiel**  
Example of use

DK-9335A DK-9335C

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DK-1743-A-VH-S-LD // CAT 7s/S/FTP Installation Cable, 500m, Simplex, D<sub>ca</sub>

**Kabelquerschnitt**  
Cable cross section

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| Produktdaten / Product Information  | Physikalische Spezifikationen / Physical Properties   |
|---|---|
| <p><b>Bezeichnung</b><br/>Name</p> <p><b>Produktcode</b><br/>Product code</p> <p><b>Hersteller / Hersteller-Nr.</b><br/>Manufacturer / Manufacturer No.</p> <p><b>Normen-Nr.</b><br/>Norm No.</p> <p><b>Stapelhöhe</b><br/>Stack height</p> <p><b>Stapelbreite</b><br/>Stack width</p> <p><b>Stapeltiefe</b><br/>Stack depth</p> <p><b>Netztromverbrauch</b><br/>Power consumption</p> <p><b>Umweltbedingungen</b><br/>Environmental conditions</p> <p><b>Materialien</b><br/>Materials</p> <p><b>Packungseinheit</b><br/>Packaging unit</p> <p><b>Verpackungsgröße</b><br/>Packaging size</p> <p><b>Transporttemperatur</b><br/>Transport temperature</p> <p><b>Speicherungstemperatur</b><br/>Storage temperature</p> <p><b>Wartungstemperatur</b><br/>Maintenance temperature</p> <p><b>Wartungsintervalle</b><br/>Maintenance intervals</p> <p><b>Wartungshinweise</b><br/>Maintenance instructions</p> | <p><b>Lebensdauer</b><br/>Lifetime</p> <p><b>Leistung</b><br/>Power</p> <p><b>Temperaturbereich</b><br/>Temperature range</p> <p><b>Relativfeuchtigkeit</b><br/>Relative humidity</p> <p><b>Druck</b><br/>Pressure</p> <p><b>Schwingung</b><br/>Vibration</p> <p><b>Stoß</b><br/>Shock</p> <p><b>Lebensdauer</b><br/>Lifetime</p> <p><b>Leistung</b><br/>Power</p> <p><b>Temperaturbereich</b><br/>Temperature range</p> <p><b>Relativfeuchtigkeit</b><br/>Relative humidity</p> <p><b>Druck</b><br/>Pressure</p> <p><b>Schwingung</b><br/>Vibration</p> <p><b>Stoß</b><br/>Shock</p> |

