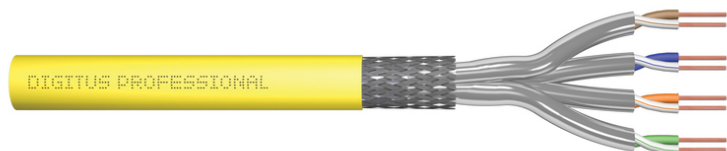


DIGITUS CAT 7A S-FTP installation cable, 1000 m, simplex, Dca-s1a d1 a1

DK-1743-A-VH-10-LD
EAN 4016032455387



CAT 7A S-FTP installation cable, 1250 MHz Dca, AWG 23/1, 1000 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.

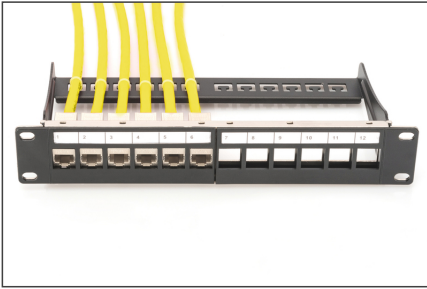
Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- System/s of AVCP: AVCP 3
- 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 tinned braid
- Outer sheath: Dca-s1a d1 a1 acc. EN 50575; LSZH
- Outer sheath diameter (nominal): 0,60 mm (Dca); 0,60 mm (Cca)
- Outer sheath color: Yellow (RAL 1028)
- 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 +60 °C
- Temperature installation range: 0°C to +50°C
- Overall diameter Simplex (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-ground): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC loop resistance: 147 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: Dca
- Length: 1000 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) | cm ³ |
| Packaging Unit Carton | 1 | 67.00 | 53.00 | 53.00 | 40.00 | 112,360.00 |
| Packaging Unit Inside | 1 | 67.00 | 53.00 | 53.00 | 40.00 | 112,360.00 |
| Packaging Unit Single | 1 | 67.00 | 53.00 | 53.00 | 40.00 | 112,360.00 |
| Net single without Packaging | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

More images:



DIGITUS

1250 MHz

10 Cat. Ethernet

CAT 7A

AWG 23/1

LSZH

Dca CPR class

CAT 7A S/FTP Installation Cable, 1000m, Simplex, Dca

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DK-1743-A-VH-10-LD // CAT 7A S/FTP Installation Cable, 1000m, Simplex, Dca

Anwendungsbeispiel
Example of use

DK-9335A DK-9335C

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DK-1743-A-VH-10-LD // CAT 7A S/FTP Installation Cable, 1000m, Simplex, Dca

Kabelquerschnitt
Cable cross section

Labels in diagram:
- Außenmantel Outer jacket
- Geflechtverdrängung Shield displacement
- Paraflechtverdrängung Parasheath displacement
- Abschirmung Twisted pair
- Cu-Shield Copper
- Abschirmung Twisted pair

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DK-1743-A-VH-10-LD // CAT 7A S/FTP Installation Cable, 1000m, Simplex, Dca

| Produktdaten Product Information | | Physikalische Spezifikationen Physical Properties | |
|---|--|---|---|
| Anwendungsbereich Area of application | Netzwerk (Computer, Server, Netz, Peripherie) Network (Computer, Server, Net, Periphery) | Leiter Conductor | Beim Aufbau des BNC-75 Steckers ist ein 50-Ω Widerstand erforderlich. Bei Verwendung des BNC-75 Steckers ist ein 50-Ω Widerstand erforderlich. |
| Artikelnummer Article No. | DK-1743-A-VH-10-LD // CAT 7A S/FTP Installation Cable, 1000m, Simplex, Dca | Leiterschicht Conductor layer | Die Leiter sind durch eine LSZH-Schicht geschützt. |
| Name Name | DK-1743-A-VH-10-LD // CAT 7A S/FTP Installation Cable, 1000m, Simplex, Dca | Leiterschicht Conductor layer | Die Leiter sind durch eine LSZH-Schicht geschützt. |
| Elektrische Eigenschaften Electrical Properties | <ul style="list-style-type: none"> Übertragungsbandbreite 1000 MHz Übertragungsverlust 0,2 dB/100m @ 1000 MHz Reflexionskoeffizient < 0,1 Wellenimpedanz 100 Ω Leiterschichtdicke 0,1 mm Leiterschichtmaterial Kupfer Leiterschichtart Twisted pair Leiterschichtmaterial Kupfer Leiterschichtart Twisted pair | Mechanische Eigenschaften Mechanical Properties | <ul style="list-style-type: none"> Leiterschichtdicke 0,1 mm Leiterschichtmaterial Kupfer Leiterschichtart Twisted pair Leiterschichtmaterial Kupfer Leiterschichtart Twisted pair |

