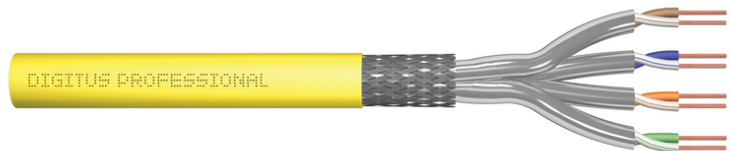


DIGITUS Cat.7A S/FTP installation cable, 1000 m, simplex, Dca-s1a d1 a1

DK-1743-A-VH-10
EAN 4016032363859



CAT 7A S-FTP installation cable, 1500 MHz Dca (EN 50575), AWG 22/1, 1000 m drum, sx, yellow

The Digitus Cat 7 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.

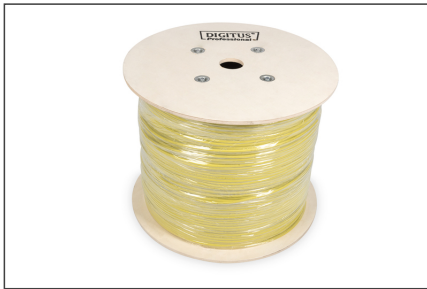
Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 22/1
- 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 @ 1-1000 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 22/1, solid twisted pair

| Logistics | | | | | | |
|------------------------------|--------------|-------------|------------|------------|-------------|------------|
| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³ |
| Packaging Unit Carton | 1 | 68.00 | 53.00 | 53.00 | 43.50 | 122,192.00 |
| Packaging Unit Inside | 1 | 68.00 | 53.00 | 53.00 | 43.50 | 122,192.00 |
| Packaging Unit Single | 1 | 68.00 | 53.00 | 53.00 | 43.50 | 122,192.00 |
| Net single without Packaging | 0 | 68.00 | 0.00 | 0.00 | 0.00 | 0.00 |

More images:



DIGITUS

1500 MHz Transmission
10 Gbit Ethernet
CAT 7A
AWG 22/1
LSZH
Dca GPR class

CAT 7A S/FTP Installation Cable, 1000 m, Simplex, D_{ca}

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DK-1743-A-VH-10 // CAT 7A S/FTP Installation Cable, 1000m, Simplex, D_{ca}

Anwendungsbeispiel
Example of use

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DK-1743-A-VH-10 // CAT 7A S/FTP Installation Cable, 1000m, Simplex, D_{ca}

Kabelquerschnitt
Cable cross section

Aufbaustruktur Outer jacket
Ablenkung Twisted
Ablenkung Shield braid
Paraschirming Parascreen
Cu-Braid Cu/Braid
Ablenkung Shield braid
Ablenkung Twisted

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Produktdatenblatt Product Information

Elektrische Eigenschaften Electrical Properties

Mechanische Eigenschaften Mechanical Properties

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Leistungsmerkmale Transmission Properties

| Strecke | AST | MSFT | PLMSFT | ACS | PLACS | IK | SLIKST | PLSLIKST |
|---------|-----|------|--------|-----|-------|----|--------|----------|
| 100 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 |
| 1 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 10 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 100 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 1000 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 10000 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 100000 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 1000000 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |

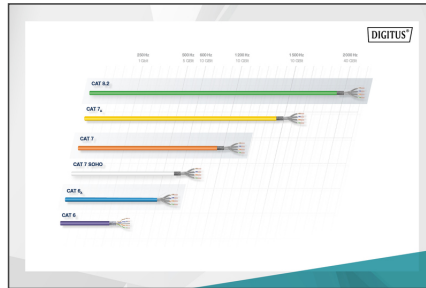
Performance to 1000000 ppsd (Attenuation 0dB) (max. 1000000)

DIGITUS

Certificate
No. 488674-215
Class G

Zertifikat
Nr. 488674-215
Klasse G

GHMT Approval



DIGITUS

GHMT System Approval Summary

System: B2ca
Class: Cca
Type: Dca
Approval: Eca

Performance: 1+
3

System: sta, d1, a1

