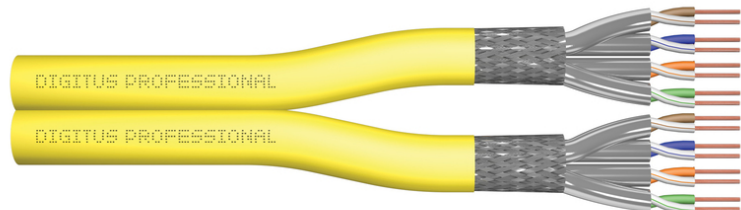


DIGITUS Cat.7A S/FTP, installation cable, 500 m, duplex, Dca-s1a d1 a1

DK-1743-A-VH-D-5
EAN 4016032380610



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

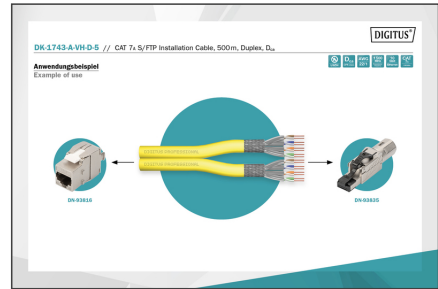
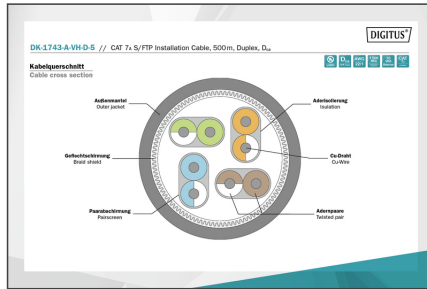
- Physical properties:
- Basic conductor: Solid AWG 22/1, bare annealed copper, diameter 0.62 mm nominal
- System/s of AVCP: AVCP 3
- Insulation: SFS-PE (Foam-Skin Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: blue-white, orange-white, green-white, brown-white
- Individual pair shielding: Aluminum foil, providing 100 % coverage
- Overall shielding: Copper wire braid
- Outer jacket: Halogen-free (FRNC-C/LSZH-3)
- Outer jacket diameter: 0.6 mm nominal
- Color: Yellow (RAL 1016)
- Length: 500 m
- 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: 8.0 mm nominal
- Flame retardancy: IEC 60332-3-24
- Halogen-free & smoke-proof: IEC 60754-2 & IEC 61034
- Fire load: 700 MJ/km
- Weight: 70 kg/km
- Electrical properties:
- Mean impedance: 100±5 Ohm @ 1-600 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: Grade 1 (CA-Type 1b)
- Propagation delay: 10 nS/100 m max.
- Signal propagation delay: 450 nS/100 m max.
- Separating class: "d" acc. to EN 50174-2
- NVP: 75%
- 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 22/1, solid twisted pair

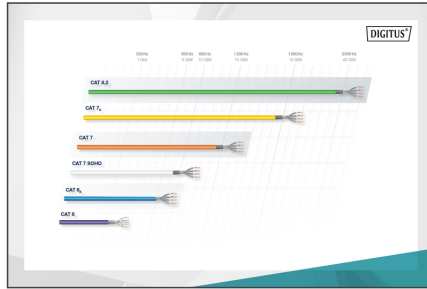
| Logistics | | | | | | |
|------------------------------|--------------|-------------|------------|------------|-------------|-----------------|
| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm ³ |
| Packaging Unit Carton | 1 | 71.00 | 50.00 | 53.00 | 53.00 | 140,450.00 |
| Packaging Unit Inside | 1 | 71.00 | 50.00 | 53.00 | 53.00 | 140,450.00 |
| Packaging Unit Single | 1 | 71.00 | 50.00 | 53.00 | 53.00 | 140,450.00 |
| Net single without Packaging | 1 | 70.59 | 50.00 | 53.00 | 53.00 | 140,450.00 |

More images:

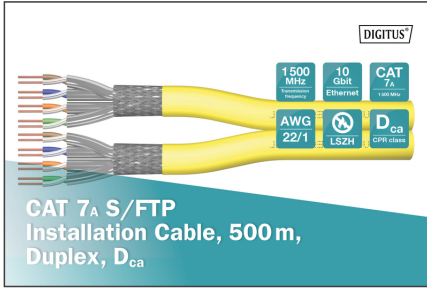
| Produktbeschreibung / Product Information | Physikalische Spezifikationen / Physical Properties |
|---|---|
| Produktname: Professional Cat 7a S/FTP Installation Cable, 500m Teilenummer: DK-1743-A-VH-D-5 Material: 100% Polyester / 100% Polyester | Standard: ISO/IEC 11801-3, IEC 61888-3, IEC 61887-3 Leitung: 24 Adresspaare / 24 Pairs Leitungsdauer: 500m / 1640ft |
| Technische Eigenschaften / Technical Properties Leitungsdauer: 500m / 1640ft Leitungsdauer pro Jahr: 1000m / 3280ft Leitungsdauer pro Meter: 2m / 6.56ft | Leitungsdauer: 500m / 1640ft Leitungsdauer pro Jahr: 1000m / 3280ft Leitungsdauer pro Meter: 2m / 6.56ft |
| Mechanische Eigenschaften / Mechanical Properties Leitungsdauer: 500m / 1640ft Leitungsdauer pro Jahr: 1000m / 3280ft Leitungsdauer pro Meter: 2m / 6.56ft | Mechanische Eigenschaften / Mechanical Properties Leitungsdauer: 500m / 1640ft Leitungsdauer pro Jahr: 1000m / 3280ft Leitungsdauer pro Meter: 2m / 6.56ft |



| Certificate | Zertifikat |
|--|---|
| Class E Certificate No. 48874-21 Issued by: GfHT Valid until: 31.12.2024 | Klasse E Zertifikat No. 48874-21 Ausgestellt von: GfHT Gültig bis: 31.12.2024 |
| 2 Connector Parameter List, Class E GfHT Type Approval | 2 Connector Parameter List, Klasse E GfHT Type Approval |



| EN Normen | Bestandteile | Leistungsfähigkeit (dB/100m) | Applikation | Zusammenfassung |
|-----------------|--------------|------------------------------|--|-----------------|
| B2ca | Sehr hoch | 1+ | • Symmetrisch • Hohe Flexibilität • Hohe Flexibilität • Hohe Flexibilität | s |
| C _{ca} | Hoch | 3 | • Symmetrisch • Hohe Flexibilität • Hohe Flexibilität | d |
| D _{ca} | Mittel | 3 | • Symmetrisch • Hohe Flexibilität • Hohe Flexibilität | a |
| E _{ca} | Gering | 3 | • Symmetrisch • Hohe Flexibilität • Hohe Flexibilität | a |



| FRQZ | ATT | NEXT | PS NEXT | ACR | PS ACR | RL | SLRXT | PS SLRXT |
|------|------|------|---------|-----|--------|-----|-------|----------|
| 1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 10 | 4.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 100 | 15.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 200 | 24.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 300 | 30.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 400 | 35.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 500 | 40.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 600 | 43.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 700 | 45.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 800 | 46.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 900 | 46.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 1000 | 46.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

