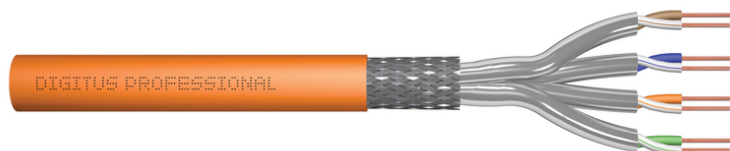


DIGITUS Cat.7 S/FTP installation cable, 1000 m, simplex, Cca

DK-1744-VH-10
EAN 4016032441281



CAT 7 S-FTP installation cable, 1200 MHz Cca (EN 50575), AWG 23/1, 1000 m drum, simplex, or

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 60332-3-24, EN 50575. 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
- 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: Cca-s1a d1 a1.acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0,50 mm (Eca); 0,52 mm (Dca); 0,60 mm (Cca); 0,60 (B2ca)
- Color: Orange (RAL 2008)
- 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
- 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 60332-3-24 (LSOH-PVC)
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Cca
- Length: 1000 m
- Color: orange
- 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 | 53.38 | 54.70 | 54.70 | 36.50 | 109,211.00 |
| Packaging Unit Inside | 1 | 53.38 | 54.70 | 54.70 | 36.50 | 109,211.00 |
| Packaging Unit Single | 1 | 53.38 | 54.70 | 54.70 | 36.50 | 109,211.00 |
| Net single without Packaging | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

More images:

DIGITUS

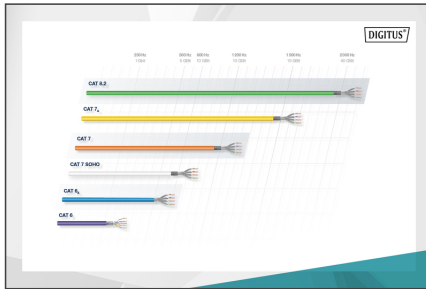
PRE Qualifier (Pre-qualified) | **Best-of-class** (Very high) | **Lowest total cost of ownership (TCO)** (Knowledge and experience gain) | **Adapted for customer needs** (Cost of ownership) | **Zusatzfunktionen** (Additional functions)

B2ca (Solid back) | **1+** (1+ years warranty, 24h support, 24h on-site service, 24h on-site repair) | **S** (24h on-site service, 24h on-site repair, 24h on-site support)

Cca (High edge) | **3** (3 years warranty, 24h support, 24h on-site service, 24h on-site repair) | **d** (24h on-site service, 24h on-site repair, 24h on-site support)

Dca (Metal back) | **a** (24h on-site service, 24h on-site repair, 24h on-site support)

Eca (Gating Low) | **Cca** | **s1a** | **d1** | **a1**



GHMT

Certificate No. 161121-11-1
Zertifikat Nr. 161121-11

Category 7 | Category 7

GHMT Type Approval

DIGITUS

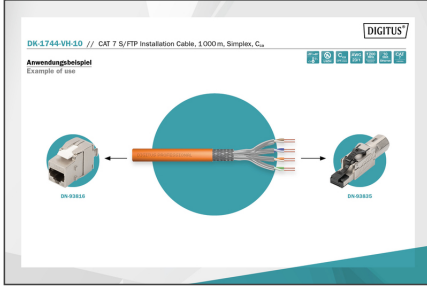
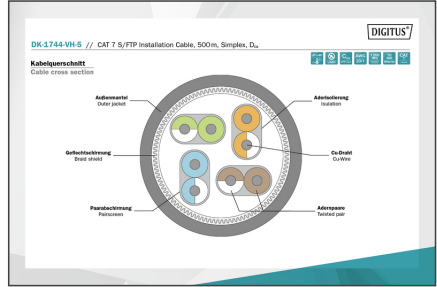
Leistungsmerkmale: Transmission Properties

| PREL | JET | MEET | PRE MEET | ACE | PLUG | PLUG | PL | EL | EL | EL | EL | EL | EL |
|---------|---------|------|----------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|
| 1.1 | 1.1 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 |
| 10 | 10 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 |
| 100 | 100 | 202 | 202 | 202 | 202 | 202 | 202 | 202 | 202 | 202 | 202 | 202 | 202 |
| 1000 | 1000 | 802 | 802 | 802 | 802 | 802 | 802 | 802 | 802 | 802 | 802 | 802 | 802 |
| 10000 | 10000 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 | 310 |
| 100000 | 100000 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 |
| 1000000 | 1000000 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |

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Produktinformation Product Information | **Physikalische Spezifikationen Physical Properties**

Elektrische Eigenschaften Electrical Properties | **Mechanische Eigenschaften Mechanical Properties**



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

AWG 23/1 | 1200 MHz | 10 Gbit Ethernet | CAT 7 | 20°/+50° | LSZH | C_{ca} | CPR class

