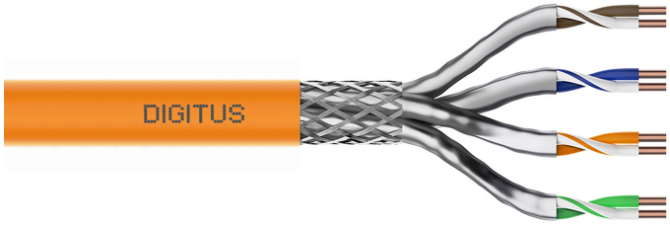
DIGITUS® CAT 7 S/FTP data cable - installation cable, 1000 m, simplex, Cca-s1a d1 a1

DK-1744-VH-10

EAN 4016032441281



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

The Digitus Cat 7 installation cable is designed for use in structured data centers and building cabling in accordance with ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 60332-3-24, EN 50575. The cable is ideal for the transmission of analog and digital data and supports PoE, PoE+, 4PPoE (IEEE 802.3af;3at;3bt). The shield structure consists of individually 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
- 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: copper braiding
- Outer sheath: Eca to B2ca in accordance with EN 50575; LSZH
- Outer sheath thickness (nominal): 0.50 mm (Eca); 0.52 mm (Dca); 0.60 mm (Cca); 0.60 (B2ca)
- Color: Orange (RAL 2008)
- Mechanical properties:
- Strain relief: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +75 °C
- Operating temperature range: -20 °C to +50 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter simplex (nominal): 7.0 mm (Eca); 7.2 mm (Dca); 7.5 mm (Cca); 7.5 mm (B2ca)
- Weight (kg/km): 49.5 kg (Eca); 51 kg (Dca), 53 kg (Cca); 53 kg (B2ca)
- 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-earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. unbalanced resistance)
- Loop resistance: 190 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%

Attributes

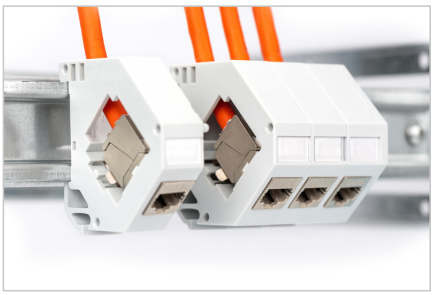
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Cca
- Length: 1000 m
- Color: orange
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

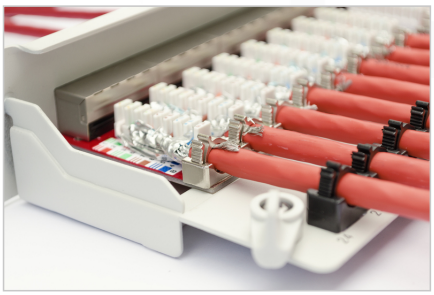
Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	8	427.00	125.00	110.00	110.00	1,512,500.00
Packaging Unit Inside	1	53,375.00	54.70	54.70	36.50	109,211,000.00
Packaging Unit Single	1	53,375.00	54.70	54.70	36.50	109,211,000.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

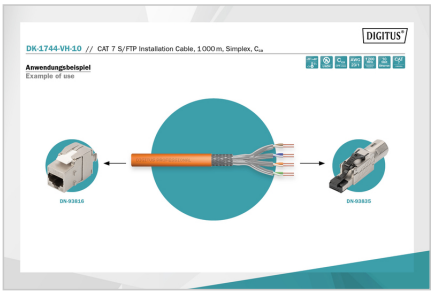
Druckfehler, Irrtümer und technische Änderungen sind vorbehalten. | Printing errors, falsities and technical changes remain reserved.

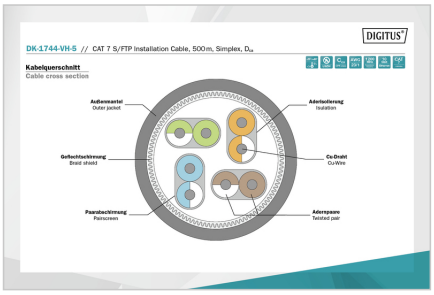
More images:

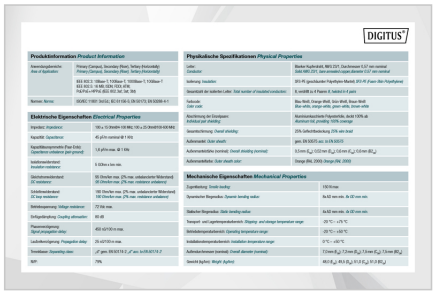


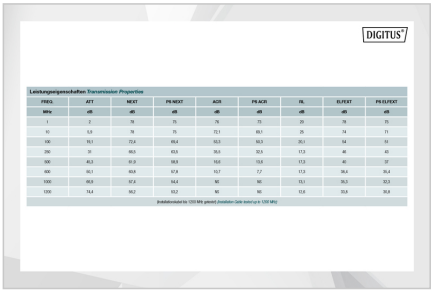


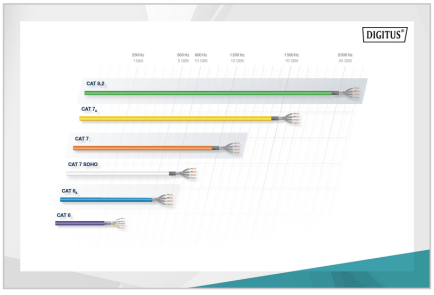


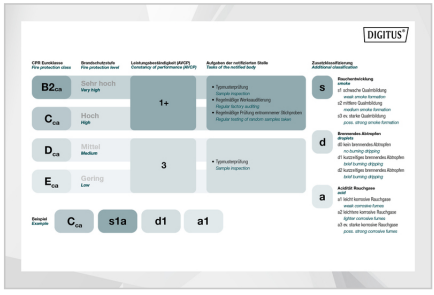

DIGITUS
DK-1744-VH-10 // CAT 7 S/FTP Installation Cable, 1 000 m, Simplex, Cca
Anwendungsbeispiel
Example of use
DN-93816
DN-93835

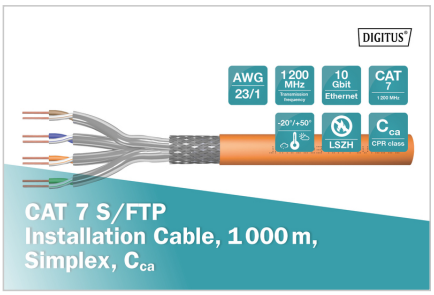

DIGITUS
DK-1744-VH-5 // CAT 7 S/FTP Installation Cable, 500 m, Simplex, Dca
Kabelquerschnitt
Cable cross section
Außenmantel
Outer jacket
Geflechtschirmung
Braid shield
Paarabschirmung
Pairscreen
Adernisolierung
Insulation
Cu-Draht
Cu-Wire
Adernpaare
Twisted pair


DIGITUS
Produktinformation Product Information
Physikalische Spezifikationen Physical Properties
Elektrische Eigenschaften Electrical Properties
Mechanische Eigenschaften Mechanical Properties


DIGITUS
Leistungseigenschaften Transmission Properties


DIGITUS
CAT 6_2
CAT 7_A
CAT 7
CAT 7 SOHO
CAT 6_A
CAT 6


DIGITUS
CPR Euroklasse
Fire protection class
Brandschutzstufe
Fire protection level
Leistungsbeständigkeit (AVCP)
Constancy of performance (AVCP)
Aufgaben der notifizierten Stelle
Tasks of the notified body
Zusatzklassifizierung
Additional classification
B2ca
Sehr hoch
Very high
Cca
Hoch
High
Dca
Mittel
Medium
Eca
Gering
Low
1+
3
Typenprüfung
Type testing
Werkseitige Produktionskontrolle
Regular factory auditing
Regelmäßige Prüfung entnommener Stichproben
Regular testing of random samples taken
Typenprüfung
Sample inspection
s
d
a
Beispiel
Example
Cca
s1a
d1
a1


DIGITUS
AWG 23/1
1200 MHz
10 Gbit Ethernet
CAT 7
-20°/+50°
LSZH
Cca
CPR class
CAT 7 S/FTP
Installation Cable, 1000 m,
Simplex, Cca


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