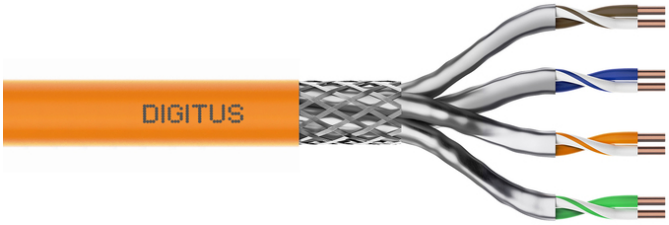
# DIGITUS® CAT 7 S/FTP data cable - installation cable, 100 m, simplex, Dca-s2, d1, a1

**DK-1743-VH-1**

**EAN 4016032392101**




**CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 100 m ring, Sx, 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 61156-7, EN 50288-9-1. 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
- System(s) of assessment and verification of constancy of performance: System 3
- 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: Dca-s2,d1,a1 acc. to EN 50575; LSZH
- 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 +60 °C
- Operating temperature range: -20 °C to +50 °C
- Installation temperature range: 0 °C 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
- 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%
- Flame spread: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosiveness: EN 60754-1/2 (LSOH)
- Smoke density: EN 61034-2

**Attributes**

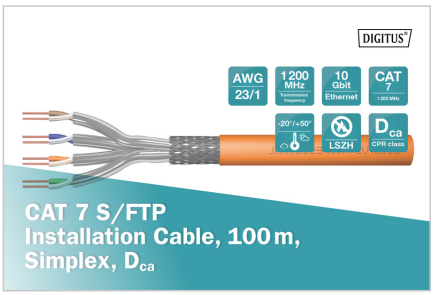
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 100 m
- Color: orange
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

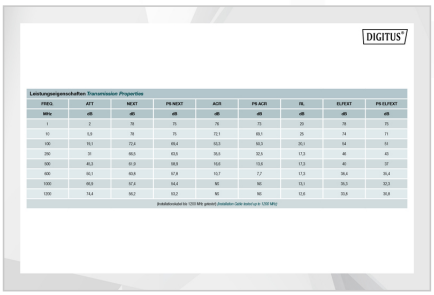
**Logistics**

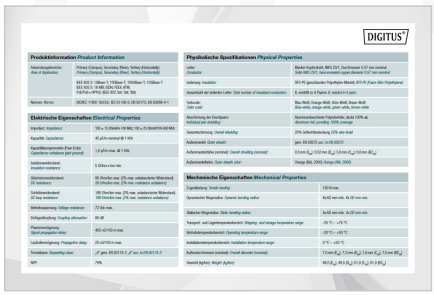
| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³ |
|---|---|---|---|---|---|---|
| **Packaging Unit Carton** | 1 | 5.16 | 33.00 | 33.00 | 11.00 | 11,979.00 |
| **Packaging Unit Inside** | 1 | 5.16 | 33.00 | 33.00 | 11.00 | 11,979.00 |
| **Packaging Unit Single** | 1 | 5.16 | 33.00 | 33.00 | 11.00 | 11,979.00 |
| **Net single without Packaging** | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

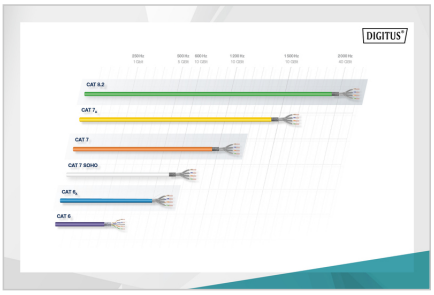

Druckfehler, Irrtümer und technische Änderungen sind vorbehalten. | Printing errors, falsities and technical changes remain reserved.

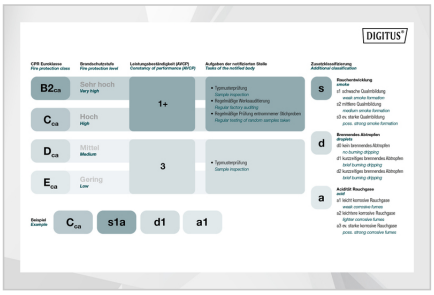
**More images:**

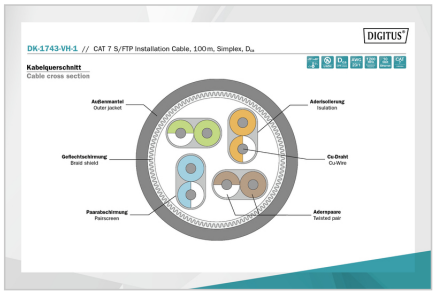

DIGITUS
AWG 23/1
1200 MHz
10 Gbit Ethernet
CAT 7
-20°/+50°
LSZH
Dca
CPR class
CAT 7 S/FTP
Installation Cable, 100 m,
Simplex, Dca

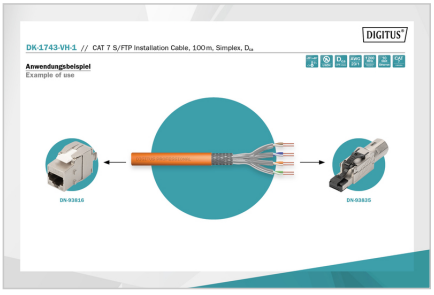

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DIGITUS
CAT 6_A
CAT 7_A
CAT 7
CAT 7 SCHO
CAT 6_A
CAT 6


DIGITUS
B2ca
Cca
Dca
Eca
1+
3
s
d
a
s1a
d1
a1


DIGITUS
DK-1743-VH-1 // CAT 7 S/FTP Installation Cable, 100 m, Simplex, Dca
Kabelquerschnitt
Cable cross section
Außenmantel
Outer jacket
Schirmgeflecht
Braid shield
Paarabschirmung
Paircovers
Adernisolierung
Insulation
Cu-Draht
Cu-Wire
Adernpaare
Twisted pair


DIGITUS
DK-1743-VH-1 // CAT 7 S/FTP Installation Cable, 100 m, Simplex, Dca
Anwendungsbeispiel
Example of use
DN-93810
DN-93835



