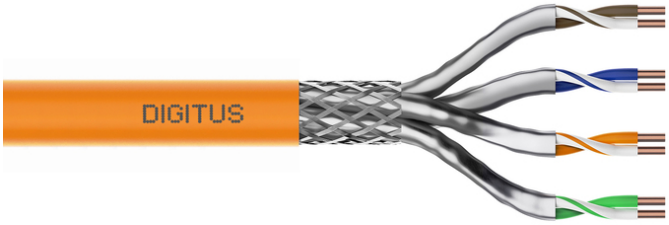
DIGITUS® CAT 7 S/FTP data cable – installation cable, 100 m, simplex, B2ca

DK-1745-VH-1

EAN 4016032441779



CAT 7 S-FTP installation cable, 1200 MHz B2ca (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: B2ca according to EN 50575; LSZH
- 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 +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

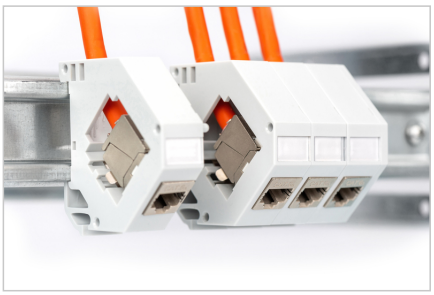
Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: B2ca
- Length: 100 m
- Color: orange
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

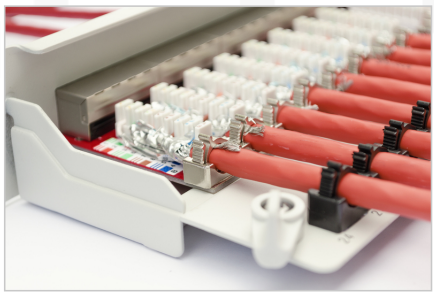
Logistics

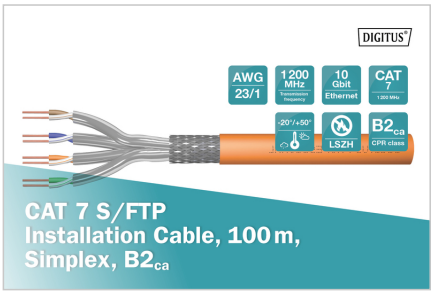
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

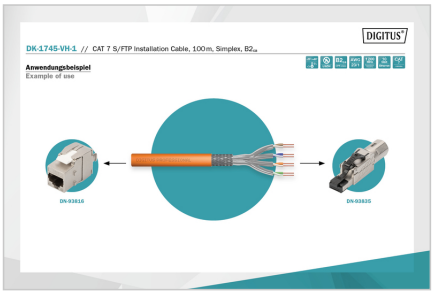
More images:

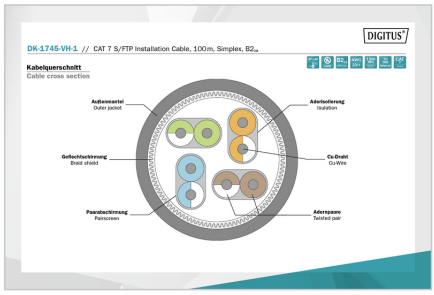


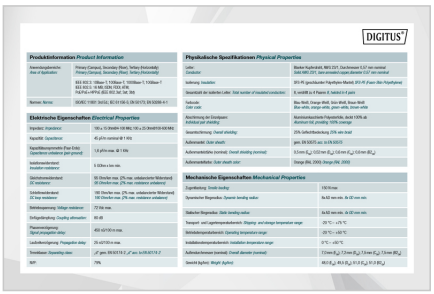


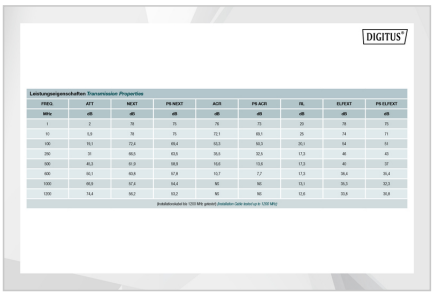


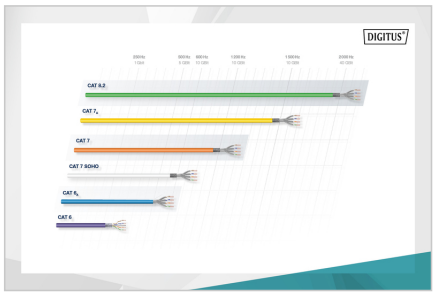

DIGITUS
AWG 23/1
1200 MHz
10 Gbit Ethernet
CAT 7
-20°/+50°
LSZH
B2ca
CPR class
CAT 7 S/FTP
Installation Cable, 100 m,
Simplex, B2ca

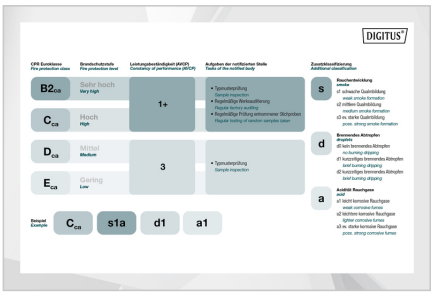

DIGITUS
DK-1745-VH-1 // CAT 7 S/FTP Installation Cable, 100 m, Simplex, B2ca
Anwendungsbeispiel
Example of use


DIGITUS
DK-1745-VH-1 // CAT 7 S/FTP Installation Cable, 100 m, Simplex, B2ca
Kabelquerschnitt
Cable cross section
Außenmantel
Outer jacket
Adernisolierung
Insulation
Geflechtschirmung
Braid shield
Cu-Draht
Cu-Wire
Paarabschirmung
Pairscreen
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 6A
CAT 7A
CAT 7
CAT 7 SOHO
CAT 6A
CAT 6


DIGITUS
Bsca
Cca
Dca
Eca
1+
3
s
d
a
Beispiel
Example
Cca
s1a
d1
a1

