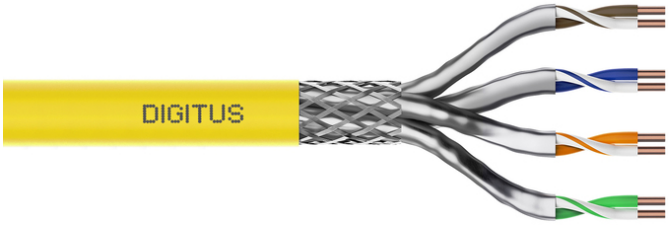
DIGITUS® CAT 7A S/FTP Data Cable – Installation Cable, 100 m, Simplex, Dca-s1a d1 a1, GHMT PVP Certified

DK-1743-A-VH-1

EAN 4016032462828



CAT 7A S-FTP installation cable, 1500 MHz Dca, AWG 22/1, 100 m ring, Sx, RAL 1016

The Digitus CAT 7A installation cable is designed for use in structured data centers and building cabling systems in accordance with ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 61156-7, EN 50288-9-1. The cable is ideally suited for the transmission of analog and digital data and supports PoE, PoE+, and 4PPoE (IEEE 802.3af; 3at; 3bt). The shielding structure consists of individually shielded pairs with a tinned copper braid, which ensures excellent shielding and electrical performance.

Future-oriented standards and high-end quality for your network.

- Physical Properties:
- Conductor: Bare copper wire, AWG 22/1
- System(s) for evaluating and verifying performance consistency: 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 individual pairs: aluminum-laminated polyester film, provides 100% coverage
- Overall shielding: tinned copper braid
- Outer jacket: Dca-s1a d1 a1 in accordance with EN 50575; LSZH
- Outer jacket thickness (nominal): 0.60 mm (Dca); 0.60 mm (Cca)
- Outer jacket color: Yellow (RAL 1016)
- Mechanical Properties:
- Tension relief: 150 N 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 +60 °C
- Installation temperature range: 0 to +50°C
- Outer diameter (nominal): 7.8 mm (Dca); 7.8 mm (Cca)
- Weight (kg/km): 65 kg (Dca); 65 kg (Cca)
- Electrical Properties:
- Impedance: 100±5 ohms @ 1–1,000 MHz
- Capacitance: 40 pF/m nominal @ 1 kHz
- Capacitance asymmetry (pair-to-ground): 1.6 pF/m max. @ 1 kHz
- Insulation resistance: 5 GOhm x km min.
- Loop resistance: 147 ohms/km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling Damping: CA Type 1b
- Phase delay: 450 nS/100 m max.
- Propagation delay: 10 nS/100 m max.
- Containment Class: “d” per EN 50174-2
- NVP: 74%
- Flame propagation: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosivity: EN 60754-1/2 (LSOH)
- Smoke tightness: EN 61034-2

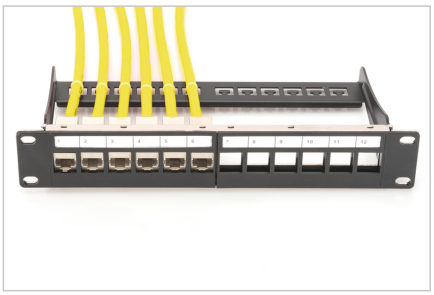
Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 7A
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 100 m
- Color: yellow
- Jacket: LSOH
- Structure: 4 x 2 AWG 22/1, solid twisted pair

Logistics

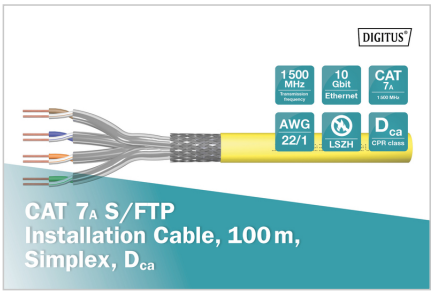
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	5.68	28.00	28.00	16.00	12,544.00
Packaging Unit Inside	1	5.68	28.00	28.00	16.00	12,544.00
Packaging Unit Single	1	5.68	28.00	28.00	16.00	12,544.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

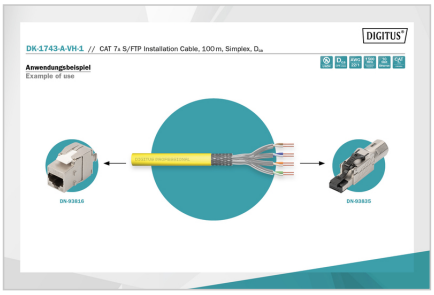
More images:

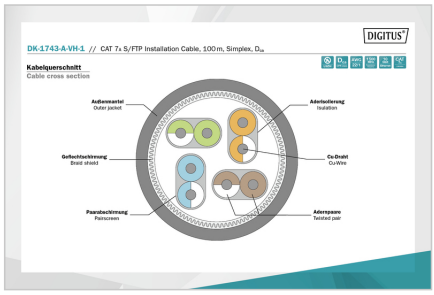


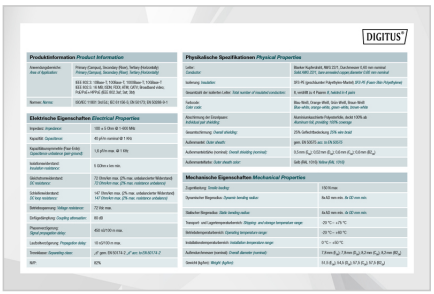


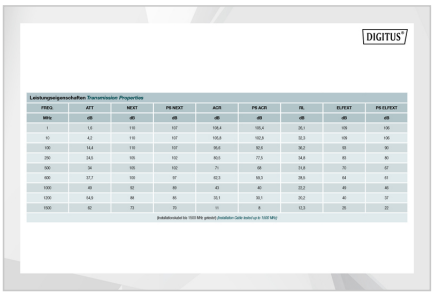


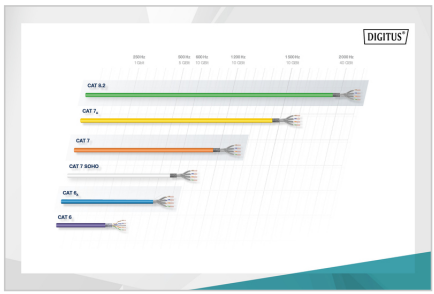

DIGITUS
1500 MHz
10 Gbit Ethernet
CAT 7A
AWG 22/1
LSZH
Dca
CPR class
CAT 7A S/FTP
Installation Cable, 100 m,
Simplex, Dca

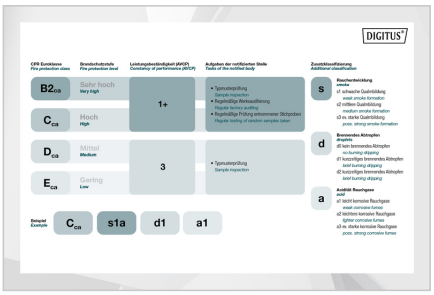

DIGITUS
DK-1743-A-VH-1 // CAT 7A S/FTP Installation Cable, 100 m, Simplex, Dca
Anwendungsbeispiel
Example of use


DIGITUS
DK-1743-A-VH-1 // CAT 7A S/FTP Installation Cable, 100 m, Simplex, Dca
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
B2ca
Cca
Dca
Eca
1+
3
S
d
a
Beispiel
Example
Cca
s1a
d1
a1