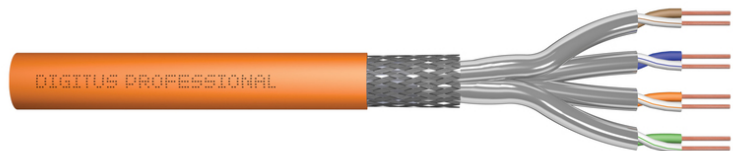


DIGITUS Cat.7 S/FTP installation cable, 500 m, simplex, Dca-s1a d1 a1

DK-1743-VH-5
EAN 4016032353997



CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 500 m drum, SX, orange

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 61156-7, EN 50288-9-1. 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 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
- 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: 135N 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

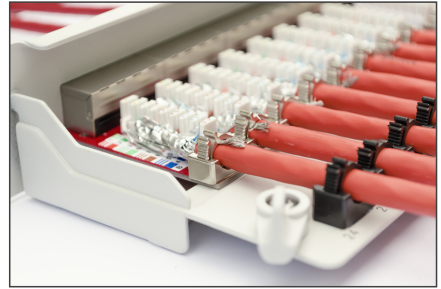
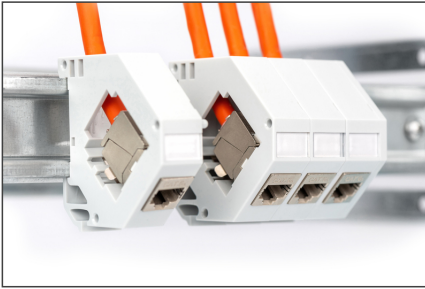
- Operating temperature range: -20 °C to +50 °C
- Installation temperature range: 0 °C to +50 °C
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45pF/m nom. at 1KHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- 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, corrosivity: 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: 500 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	27.00	55.00	55.00	35.00	105,875.00
Packaging Unit Inside	1	27.00	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	27.00	55.00	55.00	35.00	105,875.00
Net single without Packaging	1	27.00	54.00	54.00	34.00	0.00

More images:



CAT 7 S/FTP Installation Cable, 500m, Simplex, D_{ca}

- AWG 23/1
- 1200 MHz
- 10 Gbit Ethernet
- CAT 7 1000 Mbps
- 20/7/4/50
- LSZH
- D_{ca} CPFL class

DK-1743-VH-S // CAT 7 S/FTP Installation Cable, 500m, Simplex, D_{ca}

Anwendungsbeispiel
Example of use

DK-1743-VH-S // CAT 7 S/FTP Installation Cable, 500m, Simplex, D_{ca}

Kabelquerschnitt
Cable cross section

Produktdatenblatt Produkt Information	Physikalische Spezifikationen Physical Properties
Bestandteile Produkt (Cable) (Kategorie) (Cat. 7) (Typ) (Simplex) (Material) (Dca) (CPFL class) (AWG) (23/1) (MHz) (1200) (Gbit) (10) (Ethernet) (CAT) (7) (1000) (Mbps) (LSZH) (Dca) (CPFL class)	Abmessungen Länge (Length) (m) (500) (Diameter) (mm) (12) (Outer diameter) (mm) (14) (Inner diameter) (mm) (10) (Conductor diameter) (mm) (0.2) (Insulation thickness) (mm) (0.1) (Shield thickness) (mm) (0.1) (Braid thickness) (mm) (0.1) (Overall thickness) (mm) (0.2)
Technische Eigenschaften Kategorie (Category) (Cat. 7) (Typ) (Simplex) (Material) (Dca) (CPFL class) (AWG) (23/1) (MHz) (1200) (Gbit) (10) (Ethernet) (CAT) (7) (1000) (Mbps) (LSZH) (Dca) (CPFL class)	Mechanische Eigenschaften Temperaturbereich (Temperature range) (°C) (-20 to 70) (Zugfestigkeit) (Tensile strength) (N) (100) (Bruchdehnung) (Elongation) (%) (10) (Biegebeständigkeit) (Flexibility) (mm) (10) (Zugfestigkeit) (Tensile strength) (N) (100) (Bruchdehnung) (Elongation) (%) (10) (Biegebeständigkeit) (Flexibility) (mm) (10)

Leistungseigenschaften Transmission Properties

MHz	ATT	MLT	PL NEXT	HL NEXT	AL NEXT	PL ACRN	HL ACRN	EL NEXT	PL NEXT
1	2	3	7	7	7	7	7	7	7
10	10	10	10	10	10	10	10	10	10
100	10	10	10	10	10	10	10	10	10
1000	10	10	10	10	10	10	10	10	10
10000	10	10	10	10	10	10	10	10	10

Certificate No. 19184-19-1
Zertifikat Nr. 19184-19-1

Category 7

Certificate No. 19184-21
Zertifikat Nr. 19184-21

Class E

CAT 7 S/FTP Installation Cable, 500m, Simplex, Dca

GHMT Type Approval

GHMT	Standard	Class	Category
B2 _{ca}	Super hoch	1+	10 Gbit Ethernet
C _{ca}	Hoch	1	10 Gbit Ethernet
D _{ca}	Mittel	3	10 Gbit Ethernet
E _{ca}	Gering	1	10 Gbit Ethernet



Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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