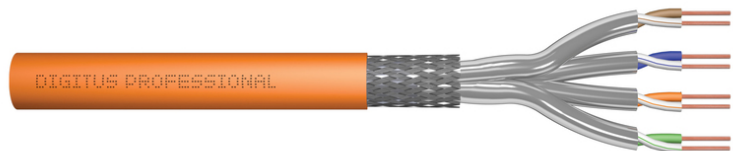


DIGITUS Cat.7 S/FTP installation cable, 100 m, simplex, Dca-s1a d1 a1

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 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
- 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 EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosivity: EN 60754-1/2 (LSOH)
- Smoke density: EN 61034-2
- 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)	cm ³
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	1	5.06	33.00	33.00	11.00	11,979.00

More images:

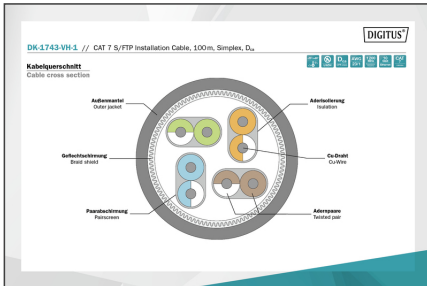


CAT 7 S/FTP Installation Cable, 100m, Simplex, D_{ca}

- AWG 23/1
- 1200 MHz
- 10 Gbit Ethernet
- CAT 7 100m
- 27°/±50°
- LSZH
- D_{ca} CPE class

DK-1743-VH-1 // CAT 7 S/FTP Installation Cable, 100m, Simplex, D_{ca}

Anwendungsbeispiel
Example of use



Produktinformation Product Information

Produktname Product Name	DK-1743-VH-1 // CAT 7 S/FTP Installation Cable, 100m, Simplex, D _{ca}	Produkttyp Product Type	Netzwerk-Kabel Network Cable
Hersteller Manufacturer	DIGITUS	Material Material	100% Polypropylen 100% Polypropylene
Produktbeschreibung Product Description	100m, Simplex, D _{ca}	Standard Standard	ISO/IEC 11801 Class E, Cat. 7 Class E

Technische Eigenschaften Technical Properties

Leitungsart Cable Type	Simplex	Leitungsart Cable Type	Simplex
Leitungsanzahl Number of Pairs	4 pairs twisted pair	Leitungsanzahl Number of Pairs	4 pairs twisted pair
Leitungsart Cable Type	Simplex	Leitungsart Cable Type	Simplex

Mechanische Eigenschaften Mechanical Properties

Leitungsart Cable Type	Simplex	Leitungsart Cable Type	Simplex
Leitungsart Cable Type	Simplex	Leitungsart Cable Type	Simplex

Leitungsgruppencharakteristika Transmission Properties

PAIR	AWG	NEST	PL NEUT	AWG	PL AWG	IL	PL IL	PL NEUT	PL NEUT
1	2	24	24	24	24	28	28	28	28
10	18	20	20	20	20	24	24	24	24
100	16	18	18	18	18	22	22	22	22
200	14	16	16	16	16	20	20	20	20
1000	12	14	14	14	14	18	18	18	18

Certificate
No. v91919-13-E

Zertifikat
No. v91919-13-E

Category 7

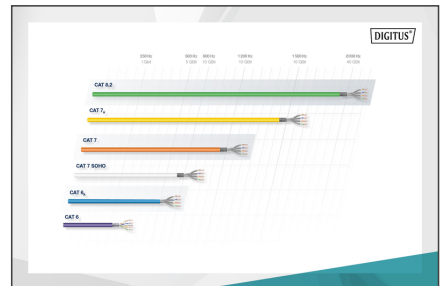
GHMT Type Approval

Certificate
No. v91919-21

Zertifikat
No. v91919-21

Class E

GHMT Type Approval



DIGITUS

Leitungsgruppencharakteristika Transmission Properties

Leitungsanzahl Number of Pairs	1+	Leitungsanzahl Number of Pairs	1+
Leitungsanzahl Number of Pairs	3	Leitungsanzahl Number of Pairs	3

GHMT Type Approval



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.

ASSMANN Electronic GmbH
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