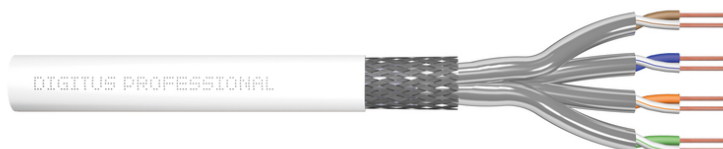


DIGITUS Cat.7 S/FTP installation cable, 305 m, simplex, Dca-s1a,d0,a1

DK-1743-VH-305-MF-W
EAN 4016032454557



CAT 7 S-FTP installation cable, 305 m, box, 1200MH AWG 26/1, 600 MHz, Dca, LSZH-3, color RAL9003

The DIGITUS® Cat.7 S/FTP installation cable is characterized by the following cable construction 4x2x AWG 26/1 and reaches a transmission frequency up to 1200 MHz. The halogen free cable jacket is conform to the standard IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class Dca. The cable is suitable for laying in residential as well as SoHo areas.

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

- Physical properties:
- Conductor: Bare copper wire, AWG 26/1
- 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 acc. to EN 50755; LSZH
- Outer sheath thickness (nominal): 0.52 mm nominal
- Outer casing color: White (RAL 9003)
- 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

- Outer diameter simplex (nominal): 5.7 mm nominal
- Weight (kg/km): 35 kg/km
- Electrical properties:
- Impedance: 100±150Ω @ 4 - 100MHz; 100±250Ω @ 100 - 600MHz
- Capacitance: 45 pF/m nominal @ 1 KHz
- Insulation resistance: 5 GΩm x km min.
- DC resistance: 95 Ω/km max. (2% max. unbalanced resistance)
- Loop resistance: 190 Ω/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: 25 nS/100 m max.
- Separation class: "d" according to EN 50174-2
- Maximum insert length: 60 m
- NVP: 79%
- Flame spread: EN EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosiveness: 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: 305 m
- Color: white
- Jacket: LSOH
- Structure: 4 x 2 AWG 26/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	1	12.76	43.00	23.00	43.00	42,527.00
Packaging Unit Inside	1	12.76	0.00	0.00	0.00	0.00
Packaging Unit Single	1	12.76	43.00	23.00	43.00	42,527.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:

DK-1743-VH-305-MF-W // CAT 7 S/FTP Installation Cable, 305m, Simplex, D_{ca}

Anwendungsbeispiel
Example of use

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CFR Symbol
CFR Symbol

Übertragungsrate
Transmission rate

Leistungsfähigkeit (AWG)
Capacity (AWG)

Adaptieren der verdrillten Leiter
Adaptation of twisted conductors

Leistungssteigerung
Performance improvement

Übertragungsfrequenz
Transmission frequency

Bandbreite
Bandwidth

CFR Symbol
CFR Symbol

Übertragungsrate
Transmission rate

Leistungsfähigkeit (AWG)
Capacity (AWG)

Adaptieren der verdrillten Leiter
Adaptation of twisted conductors

Leistungssteigerung
Performance improvement

Übertragungsfrequenz
Transmission frequency

Bandbreite
Bandwidth

DIGITUS

30MHz, 100MHz, 100MHz, 100MHz, 100MHz, 100MHz

CAT 4.3
CAT 7
CAT 7 S/FTP
CAT 6
CAT 6a

Certificate
No. 161219-13-8

Zertifikat
Nr. 161219-13

Category 7

GHMT Type Approval

DIGITUS

Leistungsparameter Transmission Properties

ITEM	TEST	UNIT	PS NEXT	ACR	PS ACR	IS	ELEXT	PS NEXT
1	10	dB	20	20	20	20	20	20
2	10	dB	20	20	20	20	20	20
3	10	dB	20	20	20	20	20	20
4	10	dB	20	20	20	20	20	20
5	10	dB	20	20	20	20	20	20
6	10	dB	20	20	20	20	20	20
7	10	dB	20	20	20	20	20	20
8	10	dB	20	20	20	20	20	20
9	10	dB	20	20	20	20	20	20
10	10	dB	20	20	20	20	20	20

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Produktdaten Product Information

Physikalische Spezifikationen Physical Properties

Elektrische Eigenschaften Electrical Properties

Mechanische Eigenschaften Mechanical Properties

DK-1743-VH-305-MF-W // CAT 7 S/FTP Installation Cable, 305m, Simplex, D_{ca}

Kabelquerschnitt
Cable cross section

Außenmantel
Outer jacket

Abisolierung
Insulation

Driftschirmung
Shielding

Driftschirm
Shield

Paardriftschirm
Pair shielding

Adresspaar
Addressed pair

Driftschirm
Shield

Driftschirm
Shield

DIGITUS

AWG 26/1

600 MHz

10 Gbit Ethernet

20°/+50°

LSZH

CAT 7

D_{ca}

CFR class

CAT 7 S/FTP Installation Cable, 305m, Simplex, D_{ca}

