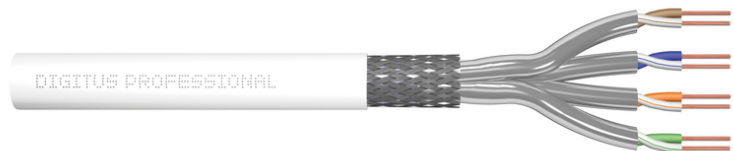


DIGITUS Cat.7 S/FTP installation cable, 305 m, simplex, Dca-s1a,d0,a1

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 50575; 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	12.80	43.00	23.00	43.00	42.50
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	42.50
Net single without Packaging	0	12.76	0.00	0.00	0.00	0.00

More images:



DIGITUS

AWG 26/1 600 MHz 10 Gbit Ethernet CAT 7

±20°/+50° LSZH D_{ca} CFR class

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

DIGITUS

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

Anwendungsbeispiel
Example of use

DIGITUS

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

Kabelquerschnitt
Cable cross section

Labels: Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket), Aufbaumantel (Outer jacket).

DIGITUS

Produktdatenblatt Product Information

Physikalische Eigenschaften Physical Properties

Elektrische Eigenschaften Electrical Properties

Mechanische Eigenschaften Mechanical Properties

Parameter	Value	Parameter	Value
AWG	26/1	Frequency	600 MHz
Conductors	10	Temperature range	-20°C to +50°C
Shielding	FTP	LSZH	Yes
Category	CAT 7	CFR Class	D _{ca}

DIGITUS

Leistungsparameter Performance Properties

Parameter	STP	Next	PL NEXT	ALO	PL ALO	SL	EXTFEXT	PL EXT
1.0	1.0	2.0	7.0	7.0	2.0	7.0	7.0	2.0
10	1.0	2.0	7.0	7.0	2.0	7.0	7.0	2.0
100	1.0	2.0	7.0	7.0	2.0	7.0	7.0	2.0
1000	1.0	2.0	7.0	7.0	2.0	7.0	7.0	2.0
10000	1.0	2.0	7.0	7.0	2.0	7.0	7.0	2.0

GHMT

Certificate
No. 15428-13-4

Zertifikat
No. 15428-13-4

Category 7

GHMT Type Approval

DIGITUS

DIGITUS

EN 50521-1
EN 50521-2
EN 50521-3

Performance comparison chart for CAT 5E, CAT 6, CAT 7, CAT 7 S/FTP, CAT 6A, and CAT 6E cables.

