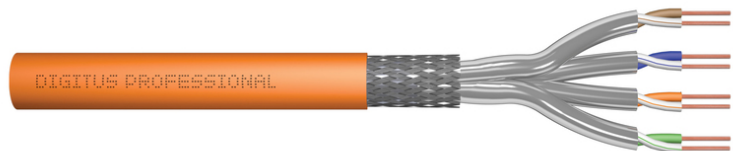


DIGITUS Cat.7 S/FTP installation cable, 100 m, simplex, Dca-s1a d1 a1

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.

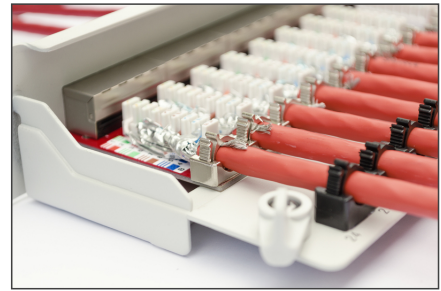
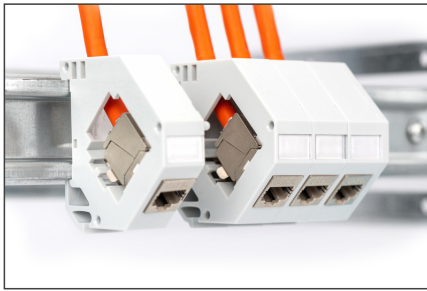
Future-oriented standards and high-end quality for your network.

- 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)	cm³
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	0.00	33.00	33.00	11.00	0.00

More images:



DIGITUS

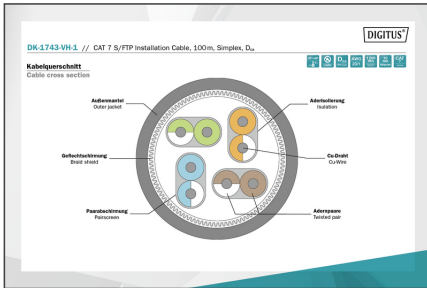
AWG 23/1 | 1200 MHz | 10 Gbit Ethernet | CAT 7 (100 m) | 27°/±50° | LSZH | Dca | CPE class

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

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

Anwendungsbeispiel
Example of use



DIGITUS

Produktdaten Product Information		Physikalische Spezifikationen Physical Properties	
Bezeichnung Part Number	DK-1743-VH-1 // CAT 7 S/FTP Installation Cable, 100m, Simplex, D _{ca}	Typ Type	Simplex Installation Cable, 100m, Simplex, D _{ca}
Hersteller Manufacturer	Digitus Technology Co., Ltd.	Material Material	LSZH (Low Smoke Zero Halogen)
Teilenummer Part Number	DK-1743-VH-1 // CAT 7 S/FTP Installation Cable, 100m, Simplex, D _{ca}	Leistung Power	10 Gbit Ethernet
Abmessungen Dimensions	23 AWG, 23x10x10 mm (0.91x0.39x0.39 inch)	Temperatur Temperature	-40°C to 75°C (-40°F to 165°F)
Farbe Color	Orange	Umwelt Environmental	RoHS Compliant, REACH Compliant
Verpackung Packaging	100m reel	Lebensdauer Lifetime	> 100 years
Materialien Materials	LSZH (Low Smoke Zero Halogen)	Flammverhalten Flame Retardancy	LSZH (Low Smoke Zero Halogen)
Wahlstromwahlstrom	1200 MHz	Brand Class	Dca
Leistung Power	10 Gbit Ethernet	Shielding Shielding	S/FTP (Shielded Twisted Pair)
Temperatur Temperature	-40°C to 75°C (-40°F to 165°F)	Flammverhalten Flame Retardancy	LSZH (Low Smoke Zero Halogen)
Umwelt Environmental	RoHS Compliant, REACH Compliant	Lebensdauer Lifetime	> 100 years
Lebensdauer Lifetime	> 100 years	Umwelt Environmental	RoHS Compliant, REACH Compliant
Lebensdauer Lifetime	> 100 years	Lebensdauer Lifetime	> 100 years
Lebensdauer Lifetime	> 100 years	Lebensdauer Lifetime	> 100 years
Lebensdauer Lifetime	> 100 years	Lebensdauer Lifetime	> 100 years
Lebensdauer Lifetime	> 100 years	Lebensdauer Lifetime	> 100 years

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Leistungseigenschaften Transmission Properties

Model	AWG	MHz	Power	Temp	Env	Life	Shield	Flam	Class
1	24	10	10	10	10	10	10	10	10
10	18	30	30	30	30	30	30	30	30
100	20	60	60	60	60	60	60	60	60
1000	22	120	120	120	120	120	120	120	120
10000	24	240	240	240	240	240	240	240	240
100000	26	480	480	480	480	480	480	480	480
1000000	28	960	960	960	960	960	960	960	960
10000000	30	1920	1920	1920	1920	1920	1920	1920	1920
100000000	32	3840	3840	3840	3840	3840	3840	3840	3840
1000000000	34	7680	7680	7680	7680	7680	7680	7680	7680

GHMT

Certificate No. 49834-21

Zertifikat Nr. 49834-21

Category 7

10 Gbit Ethernet

100m

LSZH

RoHS

REACH

Flammverhalten

Lebensdauer

Umwelt

GHMT

Certificate No. 49834-21

Zertifikat Nr. 49834-21

Class 5

10 Gbit Ethernet

100m

LSZH

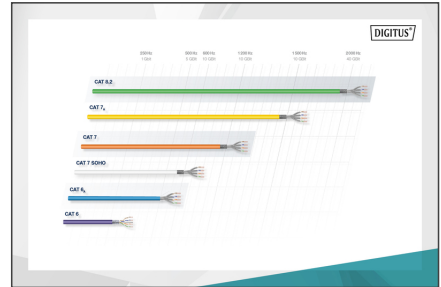
RoHS

REACH

Flammverhalten

Lebensdauer

Umwelt



DIGITUS

LFZ System

Brandmarken

Leistungseigenschaften

Physikalische Spezifikationen

Zusammenfassung

B2a

Cca

Dca

Eca

Cca

s1a

d1

a1

