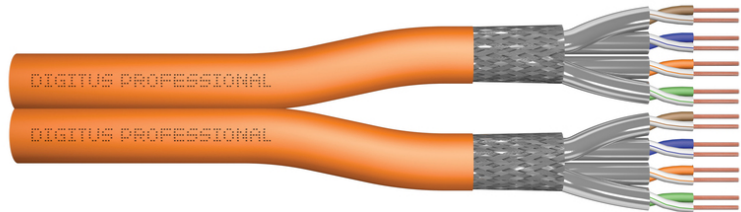


DIGITUS Cat.7 S/FTP installation cable, 500 m, duplex, Dca-s1a d1 a1

DK-1743-VH-D-5
EAN 4016032380573



CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 500m drum, DX, 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: 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 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: 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)	cm ³
Packaging Unit Carton	1	57.00	55.00	55.00	35.00	105,875.00
Packaging Unit Inside	1	57.00	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	57.00	55.00	55.00	35.00	105,875.00
Net single without Packaging	1	57.00	0.00	0.00	0.00	0.00

More images:

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

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DK-1743-VH-D-5 // CAT 7 S/FTP Installation Cable, 500m, Duplex, D_{ca}

Anwendungsbispiel
Example of use

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Kabelquerschnitt
Cable cross section

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Produktinformationen Product Information	Physikalische Spezifikationen Physical Properties
Hersteller Hersteller-Adresse Hersteller-Telefon Hersteller-Web Hersteller-URL Hersteller-Shop Hersteller-Logo Hersteller-Box	Line Color Standard Normen Zertifizierungen Zusätzliche Informationen Eigenschaften Anwendungsbereich Kompatibilität Anwendungsbereich Anwendungsbereich Anwendungsbereich
Elektrische Eigenschaften Electrical Properties	Mechanische Eigenschaften Mechanical Properties
Impedanz Impedanztoleranz Reflexionskoeffizient Schwundkoeffizient Schwundkoeffizient Schwundkoeffizient Schwundkoeffizient Schwundkoeffizient	Druckhöhe Druckhöhe Druckhöhe Druckhöhe Druckhöhe Druckhöhe Druckhöhe Druckhöhe

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Leistungspegel-Toleranz Parameter Properties

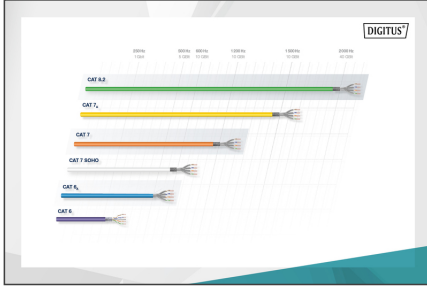
FREI	ACT	MEIT	PRE MIT	ACT	PRE ACT	RL	ELIET	PRE ELIET
dB	dB	dB	dB	dB	dB	dB	dB	dB
11	3	9	76	78	75	20	79	78
10	3	9	75	76	74	20	78	77
100	30	26	65	64	63	10	61	60
200	30	26	63	62	61	10	59	58
300	30	26	62	61	60	10	58	57
400	30	26	61	60	59	10	57	56
500	30	26	60	59	58	10	56	55
600	30	26	59	58	57	10	55	54
700	30	26	58	57	56	10	54	53

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Certificate
No. 18370-19-1

Zertifikat
Nr. 18370-19-1

Category 7



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Optimierung der Netzwerkeigenschaften

Best Practices

- C_{ca}**: Hoch
- D_{ca}**: Mittel
- E_{ca}**: Gering

Standard: C_{ca}, s1a, d1, a1

