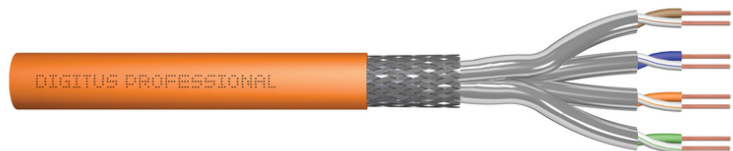


DIGITUS Cat.7 S/FTP installation cable, simplex, Dca-s1a d1 a1

DK-1743-VH-025
EAN 4016032480778



CAT 7 S-FTP installation cable, 1200 MHz Dca (EN 50575), AWG 23/1, 25m ring, SX, orange

The Digitus® Cat.7 S/FTP installation cable features the following cable structure 4x2x AWG23/1 and reaches a transmission frequency of up to 1200 MHz. The halogen-free cable sheath complies with the IEC 60332-3-24 standard, FRNC-C, LSZH-3, and BauPVO Euroclass Dca. The cable is suitable for structured building cabling in secondary and tertiary areas. Compliant with ISO/IEC 11801, DIN EN 50173, and DIN EN 50288-4-1 standards.

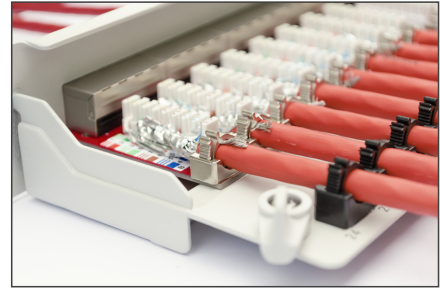
Future-oriented standards and high-end quality for your network.

- Conductor: Bare copper wire, AWG 23/1
- 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: Eca to B2ca in accordance with EN 50575; LSZH
- Outer sheath thickness (nominal): 0.50 mm (Eca); 0.52 mm (Dca); 0.60 mm (Cca); 0.60 (B2ca)
- 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 +75 °C
- Operating temperature range: -20 °C to +50 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter simplex (nominal): 7.0 mm (Eca); 7.2 mm (Dca); 7.5 mm (Cca); 7.5 mm (B2ca)

- Weight (kg/km): 49.5 kg (Eca); 51 kg (Dca), 53 kg (Cca); 53 kg (B2ca)
- 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%
- Assortment: Twisted pair installation cable
- Length: 25 m
- Category: CAT 7
- Color: orange
- CPR: Dca
- Coat: LSOH
- Shielding: S-FTP, pairs shielded in metal foil and braid
- Cable construction: 4 x 2 AWG 23/1, solid twisted pair
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 25 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	1.35	30.00	30.00	5.50	4,950.00
Packaging Unit Inside	1	1.35	30.00	30.00	5.50	4,950.00
Packaging Unit Single	1	1.35	30.00	30.00	5.50	4,950.00
Net single without Packaging	1	1.25	12.00	19.00	8.00	0.00

More images:



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AWG 23/1 1200 MHz 10 Gbit Ethernet CAT 7 1000 Mbps

207+50 LSZH Dca CPE class

CAT 7 S/FTP Installation Cable, 25m, Simplex, D_{ca}

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DK-1743-VH-025 // CAT 7 S/FTP Installation Cable, 25m, Simplex, D_{ca}

Anwendungsbeispiel
Example of use

DIGITUS

DK-1743-VH-025 // CAT 7 S/FTP Installation Cable, 25m, Simplex, D_{ca}

Kabelquerschnitt
Cable cross section

Labels: Außenmantel Outer jacket, Abschirmung Shielding, Da-Draht Cu-Wire, Adresspaar Address pair, Paarungsbereich Pairing zone, Abschirmung Inner shield, Adresspaar Address pair.

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Produktdaten Produkt Information

Produktname	DK-1743-VH-025 (25m) Simplex, D _{ca}	Typ	10 Gbit Ethernet CAT 7 1000 Mbps
Part Number	DK-1743-VH-025 (25m) Simplex, D _{ca}	Leistung	10 Gbit Ethernet CAT 7 1000 Mbps
Material	LSZH (Low Smoke Zero Halogen)	Leistung	10 Gbit Ethernet CAT 7 1000 Mbps
Material	LSZH (Low Smoke Zero Halogen)	Leistung	10 Gbit Ethernet CAT 7 1000 Mbps

Technische Eigenschaften Technical Properties

Leistung	10 Gbit Ethernet CAT 7 1000 Mbps
Leistung	10 Gbit Ethernet CAT 7 1000 Mbps
Leistung	10 Gbit Ethernet CAT 7 1000 Mbps

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Leistungseigenschaften Transmission Properties

PROZ.	100	90	80	70	60	50	40	30	20	10
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41	42	43	44
45	46	47	48	49	50	51	52	53	54	55
56	57	58	59	60	61	62	63	64	65	66
67	68	69	70	71	72	73	74	75	76	77
78	79	80	81	82	83	84	85	86	87	88
89	90	91	92	93	94	95	96	97	98	99
100	100	100	100	100	100	100	100	100	100	100

GHMT

Certificate
No. 1914-19-1-E

Category 7

GHMT Type Approval

GHMT

Zertifikat
No. 1914-19-1-E

Kategorie 7

GHMT Type Approval

GHMT

Certificate
No. 1914-19-1-E

Class 5

GHMT Type Approval

GHMT

Zertifikat
No. 1914-19-1-E

Klasse 5

GHMT Type Approval

DIGITUS

Offenbauweise
Open architecture

Strukturierung
Structuring

Leistungseigenschaften (dB) / Performance (dB)

Adaption an konfigurierbare Steile / Adaptation to configurable Steep

Zertifizierung / Certification

Labels: B2ca, Cca, Dca, Eca, s, d, a

