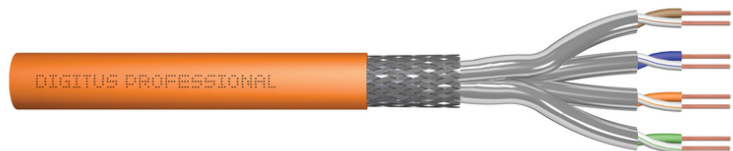


DIGITUS Cat.7 S/FTP installation cable, simplex, Dca-s1a d1 a1

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.

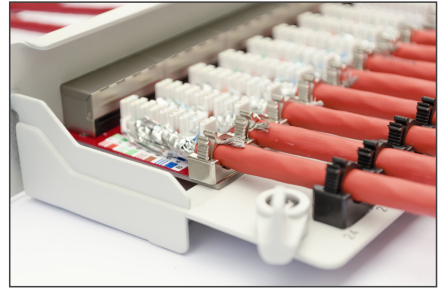
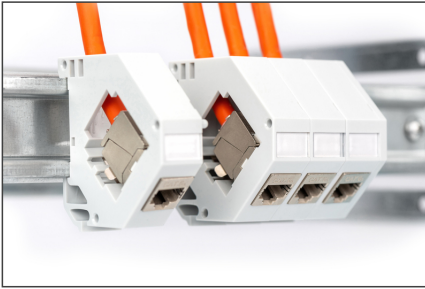
Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- System/s of AVCP: AVCP 3
- Insulation: SFS-PE (Foam-Skin Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of individual pairs: aluminum-clad polyester foil, covers 100%.
- Overall shielding: Copper braid
- Outer sheath: Dca- s2,d1,a1, acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0,50 mm (Eca); 0,52 mm (Dca); 0,60 mm (Cca); 0,60 (B2ca)
- Color: Orange (RAL 2008)
- Mechanical properties:
- Tensile loading: 135N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Shipping- and storage temperature range: -20 °C up to +60 °C
- Operating temperature range: -20 °C up to +50 °C

- Installation temperature range: 0 °C up to +50 °C
- Overall 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: 45 pF/m nominal @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. resistance unbalance)
- DC loop resistance: 190 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: CA-Type 1b
- Signal propagation delay: 450 nS/100 m max.
- Propagation delay: 10 nS/100 m max.
- Separating class: "d" acc. to EN 50174-2
- NVP: 79%
- NVP: 79%
- Flame spread: 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: 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:



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

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

Anwendungsbeispiel
Example of use

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

Kabelquerschnitt
Cable cross section

Labels: Außenmantel Outer jacket, Abschirmung Shielding, D_{ca} Querschnitt Cross-section, Abschirmung Shielding, Paarschirmung Pair shield, Adresspaar twisted pair, Paarschirmung Pair shield.

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Produktdaten Produkt Information

Produktname Product Name	DK-1743-VH-025	Physikalische Spezifikationen Physical Properties	1000 MHz (100 MHz) Shielded CAT 7 (100 MHz) Shielded CAT 7
Produktbeschreibung Product Description	25m, Simplex, D _{ca}	Leistungsfähigkeit Power Performance	1000 MHz (100 MHz) Shielded CAT 7 (100 MHz) Shielded CAT 7
Material Material	PVC	Temperaturbereich Temperature Range	0°C bis +70°C
Farbe Color	Orange	Flammverhalten Flame Retardancy	LSZH
Abmessungen Dimensions	23x0,75x0,75 mm	Umweltbedingungen Environmental Conditions	Indoor/Outdoor
Verpackung Packaging	25m	Zertifizierung Certification	ISO 9001, ISO 14001, RoHS, REACH

Technische Eigenschaften Technical Properties

Parameter	Value
Leistungsfähigkeit Power Performance	1000 MHz (100 MHz) Shielded CAT 7 (100 MHz) Shielded CAT 7
Temperaturbereich Temperature Range	0°C bis +70°C
Flammverhalten Flame Retardancy	LSZH
Umweltbedingungen Environmental Conditions	Indoor/Outdoor
Zertifizierung Certification	ISO 9001, ISO 14001, RoHS, REACH

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Leistungsfähigkeit Power Performance

Parameter	Value								
1	2	3	4	5	6	7	8	9	10
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

Certificate
No. 49429-19-E

Zertifikat
No. 49429-19-E

Category 7

GHMT

2 Connector Permanent Link, Copper, Class E₇

GHMT Type Approval

Certificate
No. 49429-21

Zertifikat
No. 49429-21

Class E₇

GHMT

2 Connector Permanent Link, Copper, Class E₇

GHMT Type Approval

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Offenbauweise Open Bauweise

Strukturstruktur Structure

Leistungsfähigkeit Power Performance

Adaption der konfigurierbaren Bauteile Adaptation of configurable parts

Zertifizierung Certification

Abmessungen Dimensions

Material Material

Farbe Color

Temperaturbereich Temperature Range

Flammverhalten Flame Retardancy

Umweltbedingungen Environmental Conditions

Zertifizierung Certification

ISO 9001, ISO 14001, RoHS, REACH

