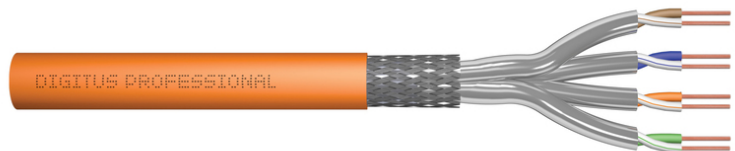


DIGITUS Cat.7 S/FTP installation cable, simplex, Dca-s1a d1 a1

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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CEP System
 B2ca: Better hook, Very tight
 Cca: Hook, High
 Dca: Minimal, Medium
 Eca: Gating, Low

Leitungsmodell (AWG)
 1+

Leitungsmodell (AWG) / Kategorie / Produkttyp
 3

Adaptions der verifizierten Werte
 1: Einmalige Prüfung
 2: Regelmäßige Nachprüfung
 3: Regelmäßige Prüfung
 4: Regelmäßige Prüfung
 5: Regelmäßige Prüfung

Zustandshilfen
 S: Nachprüfung
 d: Nachprüfung
 a: Nachprüfung

Standard
 Cca, s1a, d1, a1

Certificate
 No. 103814-11
 Category 7

Zertifikat
 No. 103814-11
 Kategorie 7

GHMT Type Approval

Certificate
 No. 103814-11
 Category 7

Zertifikat
 No. 103814-11
 Kategorie 7

GHMT Type Approval

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Leitungsmodell (AWG) / Produkttyp

AWG	UTP	STP	PL	PL STP	ACR	PL ACR	PL	EL	EL STP	PL EL
23	23	23	23	23	23	23	23	23	23	23
20	20	20	20	20	20	20	20	20	20	20
16	16	16	16	16	16	16	16	16	16	16
12	12	12	12	12	12	12	12	12	12	12
10	10	10	10	10	10	10	10	10	10	10
8	8	8	8	8	8	8	8	8	8	8
6	6	6	6	6	6	6	6	6	6	6
4	4	4	4	4	4	4	4	4	4	4
3	3	3	3	3	3	3	3	3	3	3

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Produktinformation / Product Information

Physikalische Spezifikationen / Physical Properties

Elektrische Eigenschaften / Electrical Properties

Mechanische Eigenschaften / Mechanical Properties

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DK-1743-VH-025 // CAT 7 S/FTP Installation Cable, 25m, Simplex, Dca

Kabelquerschnitt
 Cable cross section

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Anwendungsbeispiel
 Example of use

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CAT 7 S/FTP Installation Cable, 25m, Simplex, Dca

AWG 23/1
1200 MHz
10 Gbit Ethernet
20° / +50°
LSZH
Dca
CPR class

