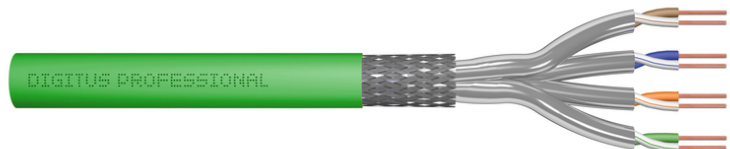


DIGITUS CAT 8.2 S/FTP installation cable, 100 m, Simplex, Dca

DK-1843-VH-1
EAN 4016032476207



CAT 8.2 S-FTP install. cable, 2000 MHz, AWG 22/1 Dca, 100 m, ring, simplex, green

The DIGITUS® Professional CAT 8.2 S/FTP installation cable features the following cable structure 4x2x AWG22/1 and achieves a transmission frequency of up to 2000 MHz. The halogen-free cable sheath complies with the standards IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class DCA The cable is suitable for building cabling in secondary and tertiary areas. Complies with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-12-1.

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

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 22/1
- Insulation: SFS-PE (foamed polyethylene sheath)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: Aluminum-covered polyester film, 100% coverage
- Overall shielding: Tinned copper wire braid
- Outer sheath: Dca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0.55 mm nominal
- Outer sheath color: yellow
- Mechanical properties:
- Tensile loading: 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

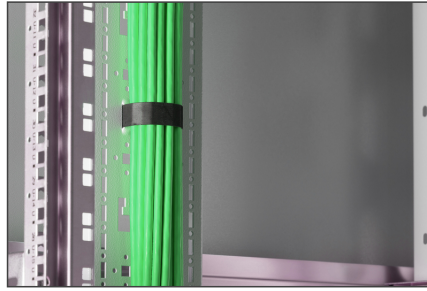
- Operating temperature range: -20 °C bis +60 °C
- Installation temperature range: 0 °C to +50 °C
- Overall diameter Simplex (nominal): 7.9 mm nominal (Dca)
- Weight (kg/km): 65 kg/km
- Electrical properties:
- Impedance: 100±15 Ohm @ 1 - 2000MHz
- Capacitance: 99 pF/30m nominal @ 1 KHz
- Capacitance unbalance (pair-ground): Is not specified
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 2.4Ohm/30m max. (4% max. resistance unbalance)
- DC loop resistance: 5.6 Ohm/24m max. (3% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: CA-Type 1
- Signal propagation delay: 171 nS/30 m max.
- Propagation delay: 13,5 nS/130 m max.
- Separating class: „d“ acc. to EN 50174-2
- NVP: 79%
- Kategorija: CAT 8,2
- Oklop: S-FTP, oklop parova u metalnoj foliji i pletenica
- CPR: Dca
- Duljina: 100 m
- Boja: zeleni
- Kapica: LSOH
- Struktura: 4 x 2 AWG 22/1, kruto upletena parica

Package contents

- CAT 8.2 S/FTP installation cable on drum, 100 m, Simplex, Dca

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	6.00	29.00	29.00	17.00	14.30
Packaging Unit Inside	1	6.00	29.00	29.00	17.00	14.30
Packaging Unit Single	1	6.00	29.00	29.00	17.00	14.30
Net single without Packaging	0	6.00	29.00	29.00	17.00	14.30

More images:



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- AWG 22/1
- 2000 MHz
- 40 Gbit/s Ethernet
- CAT 8.2
- 20°/1.60
- 6
- LSZH
- Dca
- CPR class

CAT 8.2 S/FTP Installation Cable, 100m, Simplex, D_{ca}

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DK-1843-VH-1 // CAT 8.2 S/FTP Installation Cable, 100m, Simplex, D_{ca}

Anwendungsbereich
Example of use

DK-85555

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DK-1843-VH-1 // CAT 8.2 S/FTP Installation Cable, 100m, Simplex, D_{ca}

Kabelquerschnitt
Cable cross section

Adressierung: Daten-pair
Geflechtsschicht: Braided shield
Panterschicht: Braided shield
Adressierung: Twisted-pair
Cu-Drath: Cu-Drath

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Produktinformation Product Information

Bezeichnung	DK-1843-VH-1 // CAT 8.2 S/FTP Installation Cable, 100m, Simplex, D _{ca}	Physikalische Spezifikation Physical Properties	<ul style="list-style-type: none"> AWG: 22/1 Impedanz: 100 Ohm Struktur: 4x25/2+25/2 Leistung: 2000 MHz Bandbreite: 40 Gbit/s Ethernet Temperaturbereich: -20°C bis +60°C LSZH: 0,5 mm Flammverhalten: Dca CPR-Kategorie: class
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Technische Eigenschaften Technical Properties

Hersteller	DIGITUS	Produktionsort	China
Material	PVC	Material	Cu
Farbe	Grün	Farbe	Grün

Mechanische Eigenschaften Mechanical Properties

Stärke	1,2 mm	Stärke	1,2 mm
Stärke	1,2 mm	Stärke	1,2 mm

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Leistungsmerkmale Transmission Properties

AWG	AWG	AWG	AWG	AWG	AWG	AWG
24	22	20	18	16	14	12
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	6	6	6	6
7	7	7	7	7	7	7
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
21	21	21	21	21	21	21
22	22	22	22	22	22	22

Compliance Statement

Standard: EN 50521-2, Class I (Category II)

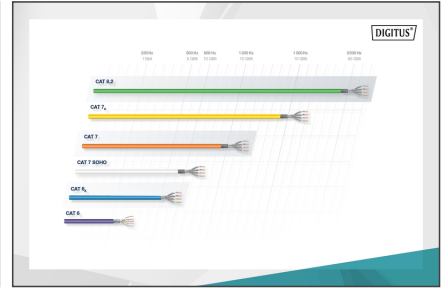
Doc. No.: 2023-225

Product: CAT 8.2 S/FTP Installation Cable

Manufacturer: DIGITUS

Authorized Signatory: [Signature]

Location: [Address]



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CPR Einstufung

Bezeichnung	Bezeichnung	Leistungsmerkmale (AWG)	Adressierung	Zusatzmerkmale
B2ca	Soft touch	1+	• Spannungsbegrenzung	• Besondere Merkmale
Cca	Hoch	3	• Spannungsabgrenzung	• Besondere Merkmale
Dca	Mittel		• Spannungsabgrenzung	• Besondere Merkmale
Eca	Gering		• Spannungsabgrenzung	• Besondere Merkmale

Bezeichnung: Cca s1a d1 a1

