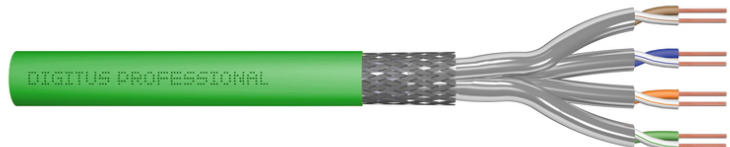


DIGITUS® CAT 8.2 S/FTP data cable - installation cable, 1000 m, simplex, Dca-s2,d1,a1

DK-1843-VH-10

EAN 4016032380535



CAT 8.2 S-FTP installation cable, 2000 MHz Dca (EN 50575), AWG 22/1, 1000 m drum, green

The Digitus Cat 8.2 S/FTP installation cable is designed for use in structured data centers and building cabling in accordance with ISO/IEC 11801, DIN EN 50288-12-1, DIN EN 50173, IEC 60332-3-24. The cable is ideal for the transmission of analog and digital data and supports POE. The shield structure consists of individually 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 22/1
- 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: Tinned copper braiding
- Outer sheath: Dca-s2,d1,a1 according to EN 50575
- Outer sheath thickness (nominal): 0.55 mm nominal
- Outer sheath color: Green
- 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 +60 °C

- Installation temperature range: 0 °C to +50 °C
- Outer diameter simplex (nominal): 7.9 mm nominal (Dca)
- Weight (kg/km): 65 kg/km
- Electrical properties:
- Impedance: 100±15Ohm @ 1 - 2000MHz
- Capacitance: 99 pF/30m nominal @ 1 KHz
- Capacitance unbalance (pair-earth): 99pF/30m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 2.4Ohm/30m max. (4% max. unbalanced resistance)
- Loop resistance: 5.6 Ohm/24m max. (3% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling attenuation: CA-Type 1
- Phase delay: 171 nS/30 m max.
- Time delay: 13.5 nS/130 m max.
- Separation class: "d" according to EN 50174-2
- NVP: 74%

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 8.2
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 1000 m
- Color: green
- Jacket: LSOH
- Structure: 4 x 2 AWG 22/1, solid twisted pair

Package contents

- CAT 8.2 S/FTP installation cable on drum, 1000 m, simplex, Dca

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	1	67.50	53.00	53.00	43.50	122,192.00
Packaging Unit Inside	1	67.50	53.00	53.00	43.50	122,192.00
Packaging Unit Single	1	67.50	53.00	53.00	43.50	122,192.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:

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Physikalische Spezifikationen Physical Properties

Mechanische Spezifikationen Mechanical Properties

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Längenangaben Tabelle Conversion Properties

Metre	FT	INCH	FT INCH	MM	INCH	MM
1	3.28	39.37	3' 3.37"	100	3.94	100
2	6.56	78.74	6' 7.74"	200	7.87	200
3	9.84	118.11	9' 11.11"	300	11.81	300
4	13.12	157.48	13' 7.48"	400	15.75	400
5	16.40	196.85	16' 6.85"	500	19.69	500
6	19.68	236.22	19' 6.22"	600	23.62	600
7	22.96	275.59	22' 7.59"	700	27.56	700
8	26.24	314.96	26' 4.96"	800	31.50	800
9	29.52	354.33	29' 4.33"	900	35.43	900
10	32.80	393.70	32' 3.70"	1000	39.37	1000

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Compliance Statement

RoHS (Restriction of Hazardous Substances)

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Cable length chart for various categories.

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Cable classification diagram showing B2, C, D, E categories and their properties.

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CAT 8.2 S/FTP Installation Cable, 500m, Simplex, D_{ca}

AWG 22/1, 2000 MHz, 40 Gbit Ethernet, CAT 8.2, D_{ca} CPR class

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DK-1843-VH-S // CAT 8.2 S/FTP Installation Cable, 500m, Simplex, D_{ca}

Anwendungsbeispiel Example of use

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Kabelquerschnitt Cable cross section

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Cable spool image.

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Cable spool image.

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Cable bundle image.

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Cable bundle image.

Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.

- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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