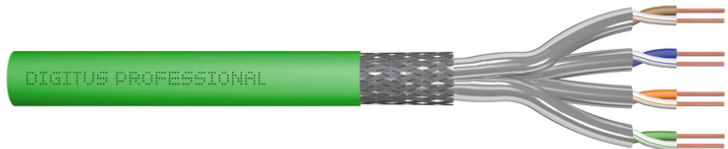


DIGITUS® CAT 8.2 S/FTP data cable - installation cable, 1000 m, simplex, Cca

DK-1844-VH-10

EAN 4016032445685



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

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: Cca acc. 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
- 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

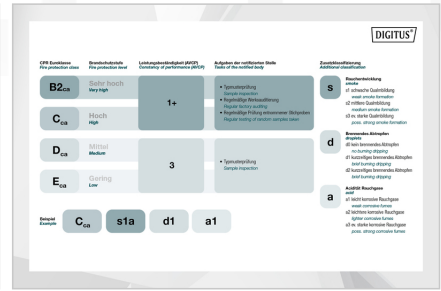
- Assortment: Twisted Pair Installation Cables
- Category: CAT 8.2
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Cca
- Length: 1000 m
- Color: green
- Jacket: LSOH
- Structure: 4 x 2 AWG 22/1, solid twisted pair

Package contents

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

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	65.30	55.00	55.00	46.00	139,150.00
Packaging Unit Inside	1	65.30	0.00	0.00	0.00	0.00
Packaging Unit Single	1	65.30	55.00	55.00	46.00	139,150.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



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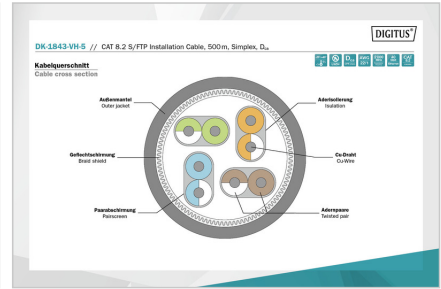
AWG 22/1, 2000 MHz, 40 Gbit Ethernet, CAT 8.2, 2000 MHz, LSZH, Dca, CPRI class

CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca

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DK-1843-VH-S // CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca

Example of use



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Produktinformation Product Information	Physikalische Spezifikationen Physical Properties
<p>Produktname CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktcode DK-1843-VH-S</p> <p>Produktfamilie CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktbeschreibung CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produkttyp CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmaterial CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktfarbe CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktgewicht CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktlänge CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktbreite CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produkthöhe CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktvolumen CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktfläche CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktperimeter CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmasse CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmoment CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmoment of inertia CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmoment of area CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmoment of volume CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmoment of mass CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmoment of length CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmoment of width CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmoment of height CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmoment of depth CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmoment of radius CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmoment of diameter CAT 8.2 S/FTP Installation Cable, 500m, Simplex, Dca</p> <p>Produktmoment 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Leitungsgruppen Transmission Properties	1	2	3	4	5	6
100	100	100	100	100	100	100
1	1	1	1	1	1	1
10	10	10	10	10	10	10
100	100	100	100	100	100	100
1000	1000	1000	1000	1000	1000	1000
10000	10000	10000	10000	10000	10000	10000
100000	100000	100000	100000	100000	100000	100000
1000000	1000000	1000000	1000000	1000000	1000000	1000000
10000000	10000000	10000000	10000000	10000000	10000000	10000000
100000000	100000000	100000000	100000000	100000000	100000000	100000000
1000000000	1000000000	1000000000	1000000000	1000000000	1000000000	1000000000

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Compliance Statement

RoHS (Restriction of Hazardous Substances)

REACH (Registration, Evaluation, Authorization and Restriction of Chemicals)

CE (Conformity)

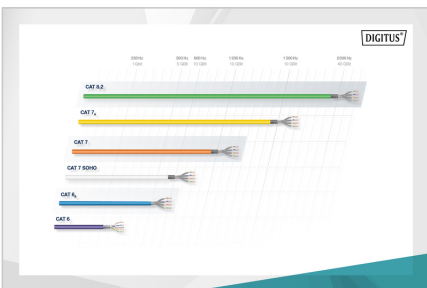
EU (European Union)

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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.

ASSMANN Electronic GmbH
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 Lüdenscheid, Germany
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