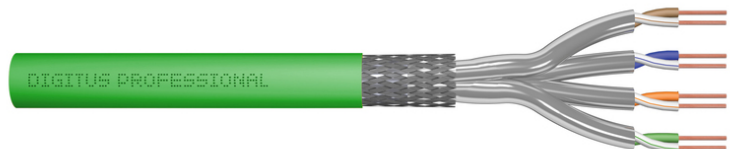


# DIGITUS CAT 8.2 S/FTP installation cable, 500 m, Simplex, Dca-s2,d1,a1

DK-1843-VH-5  
EAN 4016032380542



### CAT 8.2 S-FTP installation cable, 2000 MHz, AWG 22/1 Dca, 500 m, drum, simplex, grün

The Digitus Cat 8.2 S/FTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-12-1, DIN EN 50173, IEC 60332-3-24. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE. The shielding structure is composed of single 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

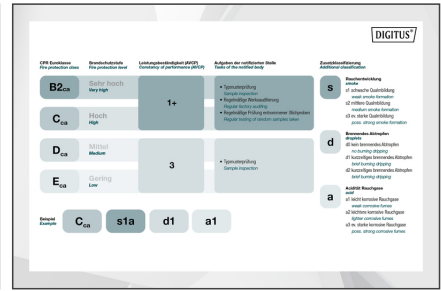
- Operating temperature range: -20 °C to +60 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter simplex (nominal): 7.9 mm nominal (Dca)
- Weight (kg/km): 65 kg/km
- Electrical properties:
- Impedance: 100±15Ohm @ 1 - 2000MHz
- Capacitance: 99 pF/30m nominal @ 1 KHz
- Capacitance unbalance (pair-earth): 99pF/30m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 2.40hm/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: 79%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 8.2
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 500 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, 500 m, Simplex, Dca

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	30.00	34.00	39.50	39.50	53,048.50
Packaging Unit Inside	1	30.00	34.00	39.50	39.50	53,048.50
Packaging Unit Single	1	30.00	34.00	39.50	39.50	53,048.50
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



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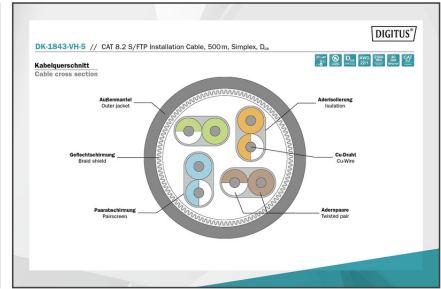
AWG 22/1, 2000 MHz, 40 Gbit Ethernet, CAT 8.2, 20°/40° LSZH, Dca, CPRI class

**CAT 8.2 S/FTP Installation Cable, 500m, Simplex, D<sub>ca</sub>**

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DK-1843-VH-S // CAT 8.2 S/FTP Installation Cable, 500m, Simplex, D<sub>ca</sub>

Anwendungsbeispiel: Example of use



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Produktinformation Product Information	Physikalische Spezifikationen Physical Properties
<b>Bestellnummer:</b> DK-1843-VH-S (1000m) / DK-1843-VH-S (500m) / DK-1843-VH-S (250m) / DK-1843-VH-S (100m)	<b>Material:</b> 100% Kupfer (AWG 22/1) / 100% Copper (AWG 22/1)
<b>Bestandteile:</b> 1x CAT 8.2 S/FTP Installation Cable, 500m, Simplex, D <sub>ca</sub>	<b>Leitungsstruktur:</b> 4x 25-paarige (100-paarig) / 4x 25-pair (100-pair)
<b>Technische Eigenschaften Technical Properties</b>	<b>Mechanische Eigenschaften Mechanical Properties</b>
<b>Leistungsfähigkeit:</b> CAT 8.2 S/FTP Installation Cable, 500m, Simplex, D <sub>ca</sub>	<b>Temperaturbereich:</b> -40°C bis +80°C / -40°C to +80°C
<b>Leistungsfähigkeit:</b> CAT 8.2 S/FTP Installation Cable, 500m, Simplex, D <sub>ca</sub>	<b>Lebensdauer:</b> 10 Jahre / 10 years

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Leistungsfähigkeit Transmission Properties

Paar	1	2	3	4	5	6	7	8
Attenuation (dB/100m)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Return Loss (dB)	15	15	15	15	15	15	15	15
Insertion Loss (dB)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Pair-to-pair Crosstalk (dB)	150	150	150	150	150	150	150	150
Common Mode Rejection (dB)	150	150	150	150	150	150	150	150

**Compliance Statement** No. 201-725

RoHS (Restriction of Hazardous Substances)

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

CE Marking

