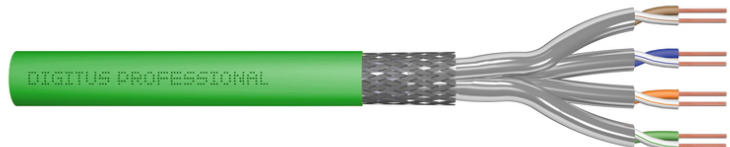


DIGITUS® CAT 8.2 S/FTP data cable - installation cable, 500 m, simplex, Dca-s2,d1,a1

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 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±15 Ohm @ 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: 2.4 Ohm/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

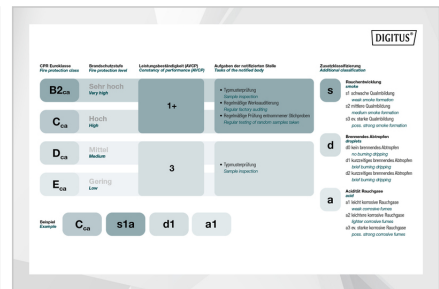
- Assortment: Twisted Pair Installation Cables
- Category: CAT 8.2
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 500 m
- Color: green
- Jacket: LSOH
- Structure: 4 x 2 AWG 22/1, solid twisted pair

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)	cm ³
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	0	0.00	0.00	0.00	0.00	0.00

More images:



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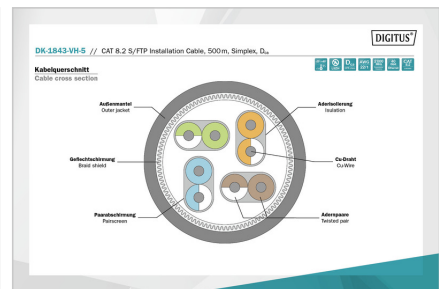
AWG 22/1, 2000 MHz, 40 Gbit Ethernet, CAT 8.2, 20° / +60°, LSZH, Dca CB, CPR class

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

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DK-1843-VH-5 // CAT 8.2 S/FTP Installation Cable, 500m, Simplex, D_{ca}

Assembling example



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Produktdatenblatt Produkt-Information	Physikalische Spezifikationen Physical Properties
<p>Bezeichnung: CAT 8.2 S/FTP Installation Cable, 500m, Simplex, D_{ca}</p> <p>Teilenummer: DK-1843-VH-5</p> <p>Hersteller: Digitus</p> <p>Material: PVC, LSZH</p> <p>Farbe: Grün</p> <p>Abmessungen: 22x1,0x0,8mm (AWG 22/1)</p> <p>Wegmaße: 2000MHz (Cat 8.2), 40Gbit Ethernet</p> <p>Normen: ISO/IEC 11801-2, ANSI/TIA-568-C.0, IEC 60332-1, IEC 60332-3, IEC 60754-0, IEC 60754-1, IEC 60754-2, IEC 60754-3, IEC 60754-4, IEC 60754-5, IEC 60754-6, IEC 60754-7, IEC 60754-8, IEC 60754-9, IEC 60754-10, IEC 60754-11, IEC 60754-12, IEC 60754-13, IEC 60754-14, IEC 60754-15, IEC 60754-16, IEC 60754-17, IEC 60754-18, IEC 60754-19, IEC 60754-20, IEC 60754-21, IEC 60754-22, IEC 60754-23, IEC 60754-24, IEC 60754-25, IEC 60754-26, IEC 60754-27, IEC 60754-28, IEC 60754-29, IEC 60754-30, IEC 60754-31, IEC 60754-32, IEC 60754-33, IEC 60754-34, IEC 60754-35, IEC 60754-36, IEC 60754-37, IEC 60754-38, IEC 60754-39, IEC 60754-40, IEC 60754-41, IEC 60754-42, IEC 60754-43, IEC 60754-44, IEC 60754-45, IEC 60754-46, IEC 60754-47, IEC 60754-48, IEC 60754-49, IEC 60754-50, IEC 60754-51, IEC 60754-52, IEC 60754-53, IEC 60754-54, IEC 60754-55, IEC 60754-56, IEC 60754-57, IEC 60754-58, IEC 60754-59, IEC 60754-60, IEC 60754-61, IEC 60754-62, IEC 60754-63, IEC 60754-64, IEC 60754-65, IEC 60754-66, IEC 60754-67, IEC 60754-68, IEC 60754-69, IEC 60754-70, IEC 60754-71, IEC 60754-72, IEC 60754-73, IEC 60754-74, IEC 60754-75, IEC 60754-76, IEC 60754-77, IEC 60754-78, IEC 60754-79, IEC 60754-80, IEC 60754-81, IEC 60754-82, IEC 60754-83, IEC 60754-84, IEC 60754-85, IEC 60754-86, IEC 60754-87, IEC 60754-88, IEC 60754-89, IEC 60754-90, IEC 60754-91, IEC 60754-92, IEC 60754-93, IEC 60754-94, IEC 60754-95, IEC 60754-96, IEC 60754-97, IEC 60754-98, IEC 60754-99, IEC 60754-100</p>	<p>Material: PVC, LSZH</p> <p>Farbe: Grün</p> <p>Abmessungen: 22x1,0x0,8mm (AWG 22/1)</p> <p>Wegmaße: 2000MHz (Cat 8.2), 40Gbit Ethernet</p> <p>Normen: ISO/IEC 11801-2, ANSI/TIA-568-C.0, IEC 60332-1, IEC 60332-3, IEC 60754-0, IEC 60754-1, IEC 60754-2, IEC 60754-3, IEC 60754-4, IEC 60754-5, IEC 60754-6, IEC 60754-7, IEC 60754-8, IEC 60754-9, IEC 60754-10, IEC 60754-11, IEC 60754-12, IEC 60754-13, IEC 60754-14, IEC 60754-15, IEC 60754-16, IEC 60754-17, IEC 60754-18, IEC 60754-19, IEC 60754-20, IEC 60754-21, IEC 60754-22, IEC 60754-23, IEC 60754-24, IEC 60754-25, IEC 60754-26, IEC 60754-27, IEC 60754-28, IEC 60754-29, IEC 60754-30, IEC 60754-31, IEC 60754-32, IEC 60754-33, IEC 60754-34, IEC 60754-35, IEC 60754-36, IEC 60754-37, IEC 60754-38, IEC 60754-39, IEC 60754-40, IEC 60754-41, IEC 60754-42, IEC 60754-43, IEC 60754-44, IEC 60754-45, IEC 60754-46, IEC 60754-47, IEC 60754-48, IEC 60754-49, IEC 60754-50, IEC 60754-51, IEC 60754-52, IEC 60754-53, IEC 60754-54, IEC 60754-55, IEC 60754-56, IEC 60754-57, IEC 60754-58, IEC 60754-59, IEC 60754-60, IEC 60754-61, IEC 60754-62, IEC 60754-63, IEC 60754-64, IEC 60754-65, IEC 60754-66, IEC 60754-67, IEC 60754-68, IEC 60754-69, IEC 60754-70, IEC 60754-71, IEC 60754-72, IEC 60754-73, IEC 60754-74, IEC 60754-75, IEC 60754-76, IEC 60754-77, IEC 60754-78, IEC 60754-79, IEC 60754-80, IEC 60754-81, IEC 60754-82, IEC 60754-83, IEC 60754-84, IEC 60754-85, IEC 60754-86, IEC 60754-87, IEC 60754-88, IEC 60754-89, IEC 60754-90, IEC 60754-91, IEC 60754-92, IEC 60754-93, IEC 60754-94, IEC 60754-95, IEC 60754-96, IEC 60754-97, IEC 60754-98, IEC 60754-99, IEC 60754-100</p>

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Leistungseigenschaften Transmission Properties

Norm	AWG	2000	40G	100G	400G	800G	1.6T
1	22	20	20	20	20	20	20
2	22	20	20	20	20	20	20
3	22	20	20	20	20	20	20
4	22	20	20	20	20	20	20
5	22	20	20	20	20	20	20
6	22	20	20	20	20	20	20
7	22	20	20	20	20	20	20
8	22	20	20	20	20	20	20
9	22	20	20	20	20	20	20
10	22	20	20	20	20	20	20
11	22	20	20	20	20	20	20
12	22	20	20	20	20	20	20
13	22	20	20	20	20	20	20
14	22	20	20	20	20	20	20
15	22	20	20	20	20	20	20
16	22	20	20	20	20	20	20
17	22	20	20	20	20	20	20
18	22	20	20	20	20	20	20
19	22	20	20	20	20	20	20
20	22	20	20	20	20	20	20

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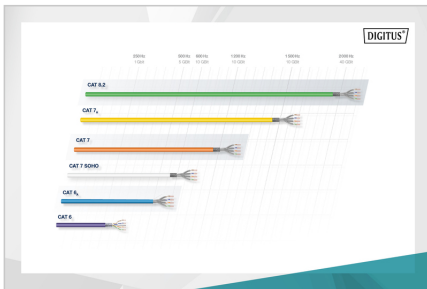
Compliance Statement

Statement of Compliance (Category 5)

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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.

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