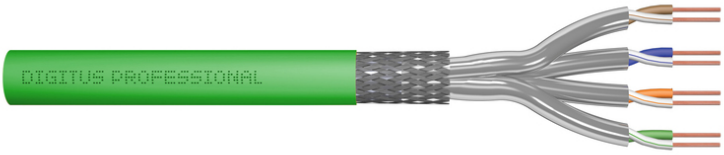
DIGITUS® CAT 8.2 S/FTP data cable - installation cable, 500 m, simplex, Dca-s2,d1,a1

DK-1843-VH-5

EAN 4016032380542



CAT 8.2 S-FTP installationcable, 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±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: 500 m
- Color: green
- Jacket: LSOH
- Structure: 4 x 2 AWG 22/1, solid twisted pair

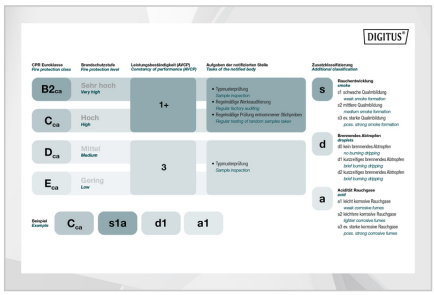
Package contents

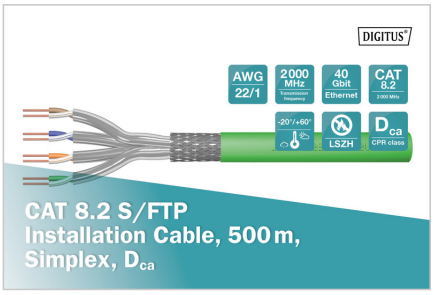
- CAT 8.2 S/FTP installation cable on drum, 500 m, simplex, Dca

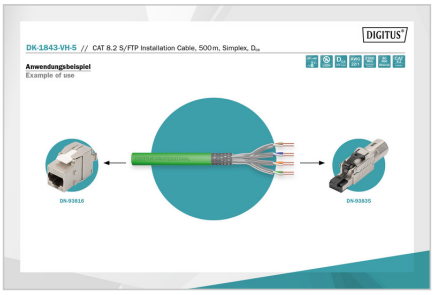
Logistics	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	33.00	50.00	50.00	26.00	65,000.00
Packaging Unit Inside	1	33.00	34.00	39.50	39.50	53,048.50
Packaging Unit Single	1	33.00	34.00	39.50	39.50	53,048.50
Net single without Packaging	1	33.00	50.00	50.00	26.00	0.00

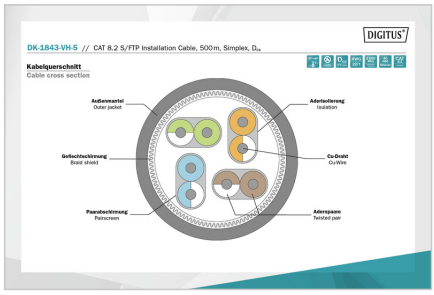
More images:

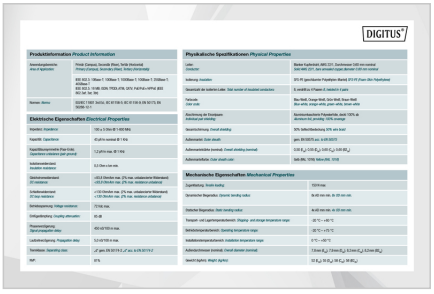


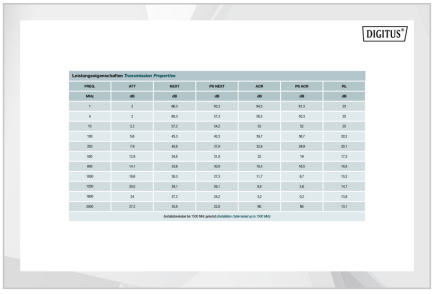




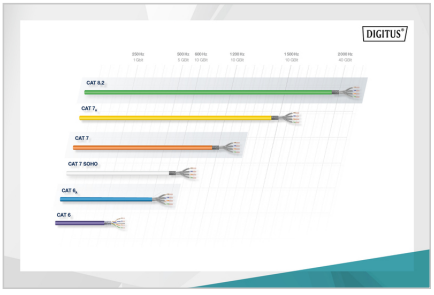
















Safety notes

- 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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