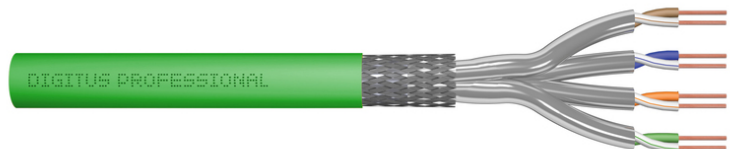


DIGITUS CAT 8.2 S/FTP installation cable, 500 m, Simplex, Dca-s2,d1,a1

DK-1843-VH-5
EAN 4016032380542



CAT 8.2 S-FTP install. 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

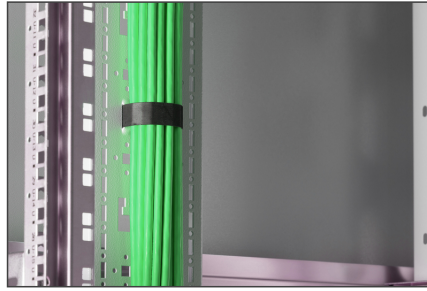
- Operating temperature range: -20 °C to +60 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter simplex (nominal): 7.9 mm nominal (Dca)
- Weight (kg/km): 65 kg/km
- Electrical properties:
- Impedance: 100±15Ohm @ 1 - 2000MHz
- Capacitance: 99 pF/30m nominal @ 1 KHz
- Capacitance unbalance (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	0	0.00	0.00	0.00	0.00	0.00

More images:



Leistungsparameter Performance Properties

AWG	AWG	MM	MM	dB	dB	dB	dB
1.2	1.2	3.0	3.0	3.0	3.0	3.0	3.0
1.5	1.5	3.5	3.5	3.5	3.5	3.5	3.5
2.0	2.0	4.0	4.0	4.0	4.0	4.0	4.0
2.5	2.5	4.5	4.5	4.5	4.5	4.5	4.5
3.0	3.0	5.0	5.0	5.0	5.0	5.0	5.0
3.5	3.5	5.5	5.5	5.5	5.5	5.5	5.5
4.0	4.0	6.0	6.0	6.0	6.0	6.0	6.0
4.5	4.5	6.5	6.5	6.5	6.5	6.5	6.5
5.0	5.0	7.0	7.0	7.0	7.0	7.0	7.0
5.5	5.5	7.5	7.5	7.5	7.5	7.5	7.5
6.0	6.0	8.0	8.0	8.0	8.0	8.0	8.0
6.5	6.5	8.5	8.5	8.5	8.5	8.5	8.5
7.0	7.0	9.0	9.0	9.0	9.0	9.0	9.0
7.5	7.5	9.5	9.5	9.5	9.5	9.5	9.5
8.0	8.0	10.0	10.0	10.0	10.0	10.0	10.0
8.5	8.5	10.5	10.5	10.5	10.5	10.5	10.5
9.0	9.0	11.0	11.0	11.0	11.0	11.0	11.0
9.5	9.5	11.5	11.5	11.5	11.5	11.5	11.5
10.0	10.0	12.0	12.0	12.0	12.0	12.0	12.0

Standardabweichung ± 0,1 mm pro Durchmessersegment bis 100 mm

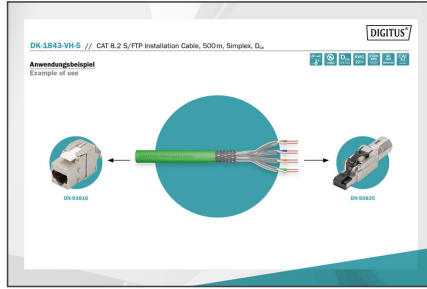
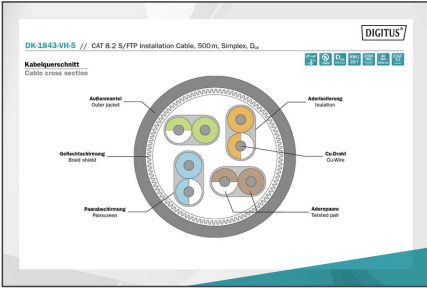
Produktinformation Product Information

Physikalische Eigenschaften Physical Properties

Bezeichnung Name	DK 1843-VH-5	AWG	22/1
Material Material	LSZH	2000 MHz	40 Gbit Ethernet
Stromversorgung Power Supply	200 V AC	LSZH	Low Smoke Zero Halogen
Temperaturbereich Temperature Range	-20 °C to +60 °C	LSZH	Low Smoke Zero Halogen
Wahlbereich Selection Range	100 m to 500 m	LSZH	Low Smoke Zero Halogen

Mechanische Eigenschaften Mechanical Properties

Wahlbereich Selection Range	100 m to 500 m
Wahlbereich Selection Range	100 m to 500 m



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

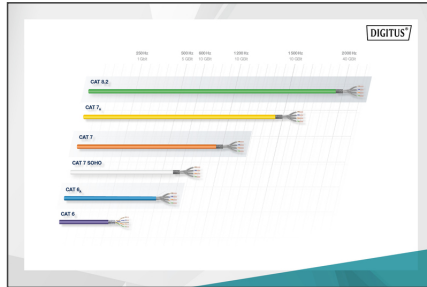
AWG 22/1, 2000 MHz, 40 Gbit Ethernet, CAT 8.2, 20°/+60° LSZH, D_{ca} CPR class

CPR Leistungsmerkmale Performance Properties

Bezeichnung Name	DK 1843-VH-5	AWG	22/1
Material Material	LSZH	2000 MHz	40 Gbit Ethernet
Stromversorgung Power Supply	200 V AC	LSZH	Low Smoke Zero Halogen
Temperaturbereich Temperature Range	-20 °C to +60 °C	LSZH	Low Smoke Zero Halogen
Wahlbereich Selection Range	100 m to 500 m	LSZH	Low Smoke Zero Halogen

Mechanische Eigenschaften Mechanical Properties

Wahlbereich Selection Range	100 m to 500 m
Wahlbereich Selection Range	100 m to 500 m



Compliance Statement

Approved (Classified) Class II (Category II)

EC Declaration of Conformity

EC Declaration of Conformity

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