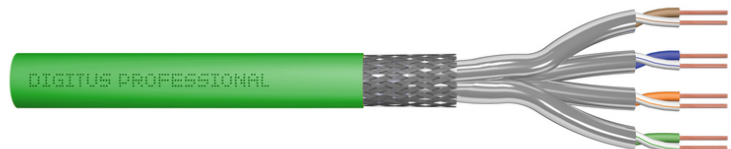


DIGITUS CAT 8.2 S/FTP installation cable, 500 m, Simplex, Dca-s2,d1,a1

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: 2.4Ohm/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: 79%

Attributes

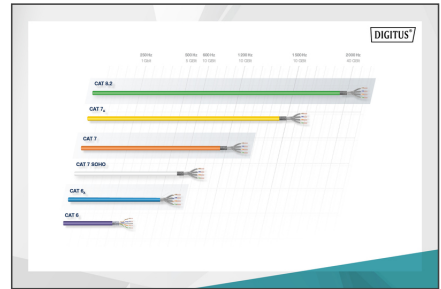
- Assortment: Twisted Pair Installation Cables
- Category: CAT 8.2
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 500 m
- Color: green
- Jacket: LSOH
- Structure: 4 x 2 AWG 22/1, solid twisted pair

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	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	29.66	34.00	39.50	39.50	53,048.50

More images:

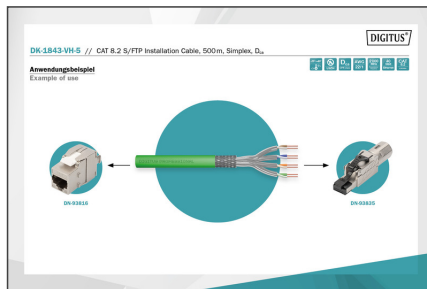
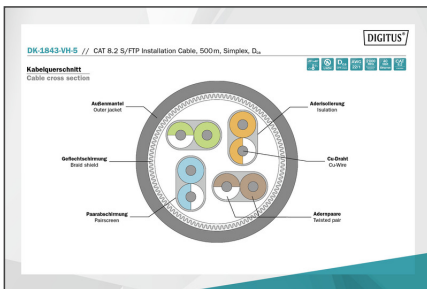


Leistungsparameter Transmission Properties

Parameter	AWG	AWG	AWG	PL 6.0/4.7	AWG	PL 6.0/4.7	AWG
23	23	23	23	23	23	23	23
20	20	20	20	20	20	20	20
16	16	16	16	16	16	16	16
12	12	12	12	12	12	12	12
10	10	10	10	10	10	10	10
8	8	8	8	8	8	8	8
6	6	6	6	6	6	6	6
4	4	4	4	4	4	4	4
3	3	3	3	3	3	3	3
2	2	2	2	2	2	2	2

Produktinformation Product Information

Produktinformation Product Information	Physikalische Spezifikation Physical Properties
Bezeichnung DK 1843-VH-5 // CAT 8.2 S/FTP Installation Cable, 500m, Simplex, D _{ca}	AWG 22/1
AWG 22/1	Bandbreite 2000 MHz
Bandbreite 2000 MHz	Übertragungsraten 40 Gbit Ethernet
Übertragungsraten 40 Gbit Ethernet	Kategorie CAT 8.2
Kategorie CAT 8.2	Temperaturbereich -20°/+60°
Temperaturbereich -20°/+60°	LSZH Low Smoke Zero Halogen
LSZH Low Smoke Zero Halogen	CE CE



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

CEP Konformität

CEP Konformität	Bezeichnung	Leistungsparameter (AWG)	Abgleich der konfigurierbaren Daten	Zusammenfassung
B2 _{ca}	Starke hoch	1+	<ul style="list-style-type: none"> Spannungsbegrenzung Spannungsbegrenzung Regelmäßige Filterung des empfangenen Signals Regelmäßige Filterung des empfangenen Signals 	s <ul style="list-style-type: none"> Spannungsbegrenzung Spannungsbegrenzung Spannungsbegrenzung Spannungsbegrenzung
C _{ca}	Hoch	3	<ul style="list-style-type: none"> Spannungsbegrenzung Spannungsbegrenzung 	d <ul style="list-style-type: none"> Spannungsbegrenzung Spannungsbegrenzung Spannungsbegrenzung Spannungsbegrenzung
D _{ca}	Mittel			a <ul style="list-style-type: none"> Spannungsbegrenzung Spannungsbegrenzung Spannungsbegrenzung Spannungsbegrenzung
E _{ca}	Gering			



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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