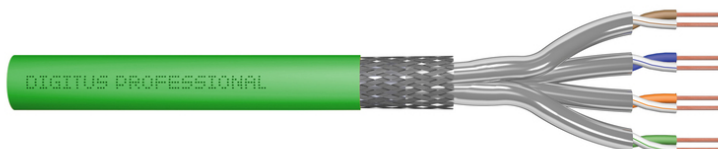


DIGITUS CAT 8.2 S/FTP installation cable, 500 m, Simplex, B2ca

DK-1845-VH-5
EAN 4016032445692



CAT 8.2 S-FTP installation cable, 2000 MHz B2ca (EN 50575), AWG 22/1, 500 m drum,

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: B2ca according to EN 50575
- Outer sheath thickness (nominal): 0.55 mm nominal
- Outer sheath color: Yellow
- 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%

Attributes

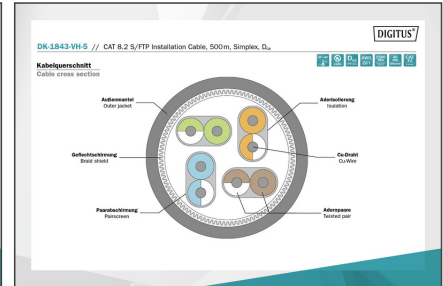
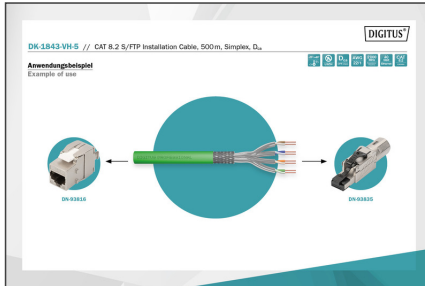
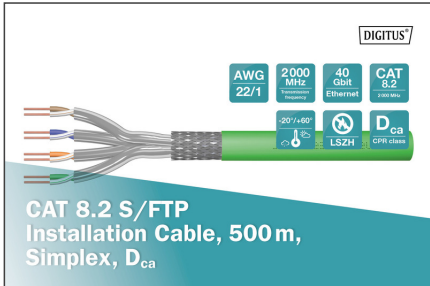
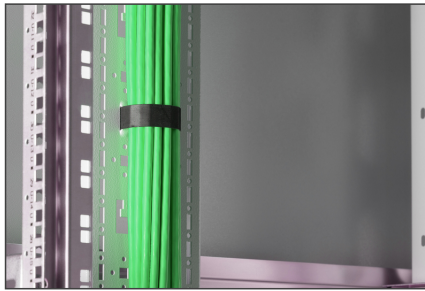
- Assortment: Twisted Pair Installation Cables
- Category: CAT 8.2
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: B2ca
- Length: 500 m
- Color: yellow
- Jacket: LSOH
- Structure: 4 x 2 AWG 22/1, solid twisted pair

Package contents

- CAT 8.2 S/FTP installation cable on drum, 500 m, Simplex, B2ca

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.00	0.00	0.00	0.00	0.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

A close-up photograph of a network switch port. Several green and yellow Ethernet cables are plugged into the ports. A black cable management strap is used to bundle the cables. The switch is mounted on a rack, and a label is visible on the front panel.



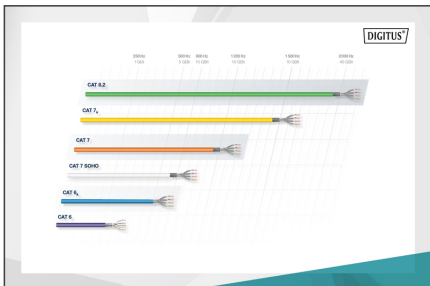
Produktbeschreibung Produkt Information		Physikalische Spezifikationen Physical Properties	
Anwendungsbereich Application Area	Produkt für die Verwendung in der Luftfahrt	Spezifikation Specification	Normen Standards
	Produkt für die Verwendung in der Luftfahrt		EN 12566-1:2006
	Produkt für die Verwendung in der Luftfahrt		EN 12566-2:2006
	Produkt für die Verwendung in der Luftfahrt		EN 12566-3:2006
Normen Standards	EN 12566-1:2006	Technische Eigenschaften Technical Properties	EN 12566-1:2006
	EN 12566-2:2006		EN 12566-2:2006
	EN 12566-3:2006		EN 12566-3:2006
	EN 12566-4:2006		EN 12566-4:2006
Elektronische Eigenschaften Electrical Properties		Mechanische Eigenschaften Mechanical Properties	
Elektrische Eigenschaften Electrical Properties	Elektrische Eigenschaften Electrical Properties	Mechanische Eigenschaften Mechanical Properties	Elektrische Eigenschaften Electrical Properties
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	Elektrische Eigenschaften Electrical Properties		Elektrische Eigenschaften Electrical Properties



Leistungsgeschäftsfelder: Distribution - Prognose

WERS	2017	2027	2018-2027	2019	2020-2027	%
WMS	40	40	0	26	26	65
1	1	40	39	39	39	97
2	1	40	39	39	39	97
3	1	40	39	39	39	97
4	1	40	39	39	39	97
5	1	40	39	39	39	97
6	1	40	39	39	39	97
7	1	40	39	39	39	97
8	1	40	39	39	39	97
9	1	40	39	39	39	97
10	1	40	39	39	39	97
11	1	40	39	39	39	97
12	1	40	39	39	39	97
13	1	40	39	39	39	97
14	1	40	39	39	39	97
15	1	40	39	39	39	97
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18	1	40	39	39	39	97
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23	1	40	39	39	39	97
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26	1	40	39	39	39	97
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29	1	40	39	39	39	97
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42	1	40	39	39	39	97
43	1	40	39	39	39	97
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57	1	40	39	39	39	97
58	1	40	39	39	39	97
59	1	40	39	39	39	97
60	1	40	39	39	39	97
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63	1	40	39	39	39	97
64	1	40	39	39	39	97
65	1	40	39	39	39	97
66	1	40	39	39	39	97
67	1	40	39	39	39	97
68	1	40	39	39	39	97
69	1	40	39	39	39	97
70	1	40	39	39	39	97
71	1	40	39	39	39	97
72	1	40	39	39	39	97

gesamte WMS im 2027: 260 (davon 200 in der WMS - 200 in der WMS)



- 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.

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