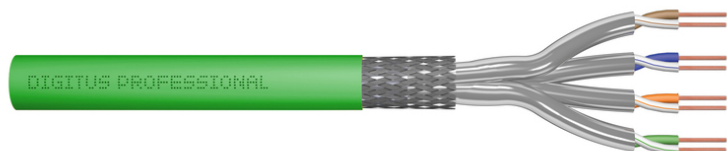


# DIGITUS CAT 8.2 S/FTP installation cable, 500 m, Simplex, Eca

DK-1841-VH-5  
EAN 4016032380559



### CAT 8.2 S-FTP installation cable, 2000 MHz Eca (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: Eca 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%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 8.2
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Eca
- 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, Eca

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	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  
D CB  
CFR class

**CAT 8.2 S/FTP Installation Cable, 500 m, Simplex, D<sub>ca</sub>**

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**DK-1843-VH-5 // CAT 8.2 S/FTP Installation Cable, 500m, Simplex, D<sub>ca</sub>**

**Anwendungsbeispiel**  
Example of use

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**CFR-Bewertung**  
Fire performance

**Brandverhalten**  
Fire performance

**Leitfähigkeit (20°C)**  
Conductivity (20°C)

**Auflage der verifizierten Werte**  
Proof of verified data

**Zertifizierung**  
Certification

**B<sub>2ca</sub>** Sehr hoch Very high  
**C<sub>ca</sub>** Hoch High  
**D<sub>ca</sub>** Mittel Medium  
**E<sub>ca</sub>** Gering Low

**1+**  
**3**

**CFR**  
**s1a** **d1** **a1**

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**DK-1843-VH-5 // CAT 8.2 S/FTP Installation Cable, 500m, Simplex, D<sub>ca</sub>**

**Kabelquerschnitt**  
Cable cross section

**Aufbaustruktur**  
Outer jacket

**Außenleitung**  
Outer shield

**Paarabschirmung**  
Pair shield

**Adressierung**  
Twisting

**Co-Braid**  
Co-Wire

**Adressierung**  
Twisting

**Adressierung**  
Twisting

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**Produktbeschreibung**  
Product description

**Technische Spezifikationen**  
Technical specifications

**Physikalische Spezifikationen**  
Physical specifications

**Elektrische Eigenschaften**  
Electrical properties

**Mechanische Eigenschaften**  
Mechanical properties

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**Leitfähigkeit (20°C)**  
Conductivity (20°C)

AWG	22	24	26	28	30	32	34	36	38	40
1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22	22
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37	37	37	37	37	37	37	37	37	37	37
38	38	38	38	38	38	38	38	38	38	38
39	39	39	39	39	39	39	39	39	39	39
40	40	40	40	40	40	40	40	40	40	40

**Compliance Statement**

Standard Ethernet, Class 1 (Category 10)

CE mark

EC mark

Signature

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CAT 8.2  
CAT 7  
CAT 7 shielded  
CAT 6  
CAT 6  
CAT 5

