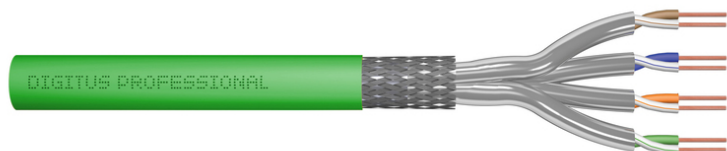


DIGITUS CAT 8.2 S/FTP installation cable, 100 m, Simplex, Dca

DK-1843-VH-1
EAN 4016032476207



CAT 8.2 S-FTP install. cable, 2000 MHz, AWG 22/1 Dca, 100 m, ring, simplex, green

The DIGITUS® Professional CAT 8.2 S/FTP installation cable features the following cable structure 4x2x AWG22/1 and achieves a transmission frequency of up to 2000 MHz. The halogen-free cable sheath complies with the standards IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class DCA The cable is suitable for building cabling in secondary and tertiary areas. Complies with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-12-1.

Future-oriented standards and high-end quality for your network

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 22/1
- Insulation: SFS-PE (foamed polyethylene sheath)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: Aluminum-covered polyester film, 100% coverage
- Overall shielding: Tinned copper wire braid
- Outer sheath: Dca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0.55 mm nominal
- Outer sheath color: yellow
- Mechanical properties:
- Tensile loading: 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 bis +60 °C
- Installation temperature range: 0 °C to +50 °C
- Overall diameter Simplex (nominal): 7.9 mm nominal (Dca)
- Weight (kg/km): 65 kg/km
- Electrical properties:
- Impedance: 100±15 Ohm @ 1 - 2000MHz
- Capacitance: 99 pF/30m nominal @ 1 KHz
- Capacitance unbalance (pair-ground): Is not specified
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 2.4Ohm/30m max. (4% max. resistance unbalance)
- DC loop resistance: 5.6 Ohm/24m max. (3% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: CA-Type 1
- Signal propagation delay: 171 nS/30 m max.
- Propagation delay: 13,5 nS/130 m max.
- Separating class: „d“ acc. to EN 50174-2
- NVP: 79%
- Category: CAT 8.2
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 100 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, 100 m, Simplex, Dca

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	6.00	29.00	29.00	17.00	14,297.00
Packaging Unit Inside	1	6.00	29.00	29.00	17.00	14,297.00
Packaging Unit Single	1	6.00	29.00	29.00	17.00	14,297.00
Net single without Packaging	1	5.90	29.00	29.00	17.00	14,297.00

More images:

DK-1843-VH-1 // CAT 8.2 S/FTP Installation Cable, 100m, Simplex, D_{ca}

AWG 22/1 | **2000 MHz** | **40 Cat. Ethernet** | **CAT 8.2**

20°/1.60 | **LSZH** | **D_{ca} CPR class**

CAT 8.2 S/FTP Installation Cable, 100 m, Simplex, D_{ca}

Anwendungsbeispiel
Example of use

DK-1843-VH-1 // CAT 8.2 S/FTP Installation Cable, 100m, Simplex, D_{ca}

Kabelquerschnitt
Cable cross section

Problemlösung Produkt-Information

Physikalische Spezifikation / Physical Properties

Elektrische Eigenschaften/Electrical Properties

Mechanische Eigenschaften/Mechanical Properties

Strom	AVT	AVST	AVST	AVS	AVS	AVS
1	0,5	0,5	0,5	0,5	0,5	0,5
2	1	1	1	1	1	1
3	1,5	1,5	1,5	1,5	1,5	1,5
4	2	2	2	2	2	2
5	2,5	2,5	2,5	2,5	2,5	2,5
6	3	3	3	3	3	3
7	3,5	3,5	3,5	3,5	3,5	3,5
8	4	4	4	4	4	4
9	4,5	4,5	4,5	4,5	4,5	4,5
10	5	5	5	5	5	5
11	5,5	5,5	5,5	5,5	5,5	5,5
12	6	6	6	6	6	6
13	6,5	6,5	6,5	6,5	6,5	6,5
14	7	7	7	7	7	7
15	7,5	7,5	7,5	7,5	7,5	7,5
16	8	8	8	8	8	8
17	8,5	8,5	8,5	8,5	8,5	8,5
18	9	9	9	9	9	9
19	9,5	9,5	9,5	9,5	9,5	9,5
20	10	10	10	10	10	10

Compliance Statement No. 2023-725
Normed Channel, Class I (Category II)

CEC

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.
ASSMANN Electronic GmbH
Auf dem Schüffel 3
Lüdenscheid, Germany
<https://www.assmann.com>
info@assmann.com