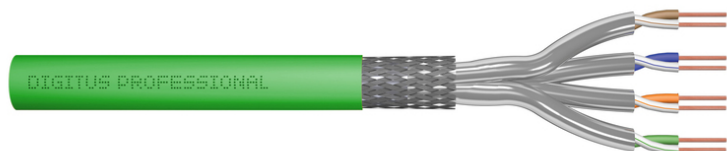


DIGITUS CAT 8.2 S/FTP installation cable, 100 m, Simplex, Dca

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

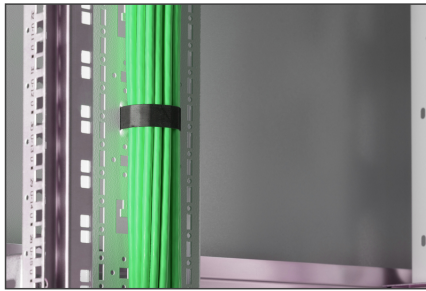
- Operating temperature range: -20 °C bis +60 °C
- Installation temperature range: 0 °C to +50 °C
- Overall diameter Simplex (nominal): 7.9 mm nominal (Dca)
- Weight (kg/km): 65 kg/km
- Electrical properties:
- Impedance: 100±15 Ohm @ 1 - 2000MHz
- Capacitance: 99 pF/30m nominal @ 1 KHz
- Capacitance 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	6.00	29.00	29.00	17.00	0.00

More images:



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AWG 22/1 | 2000 MHz | 40 Gbit Ethernet | CAT 8.2 | 20°/1,60 | 6 | LSZH | D_{ca} CPR class

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

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

Anwendungsbeispiel
Example of use

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

Kabelquerschnitt
Cable cross section

Labels: Adressanteile (Data pair), Adressierung (Twisted), Cu-Dräht (Copper), Adresspaar (Twisted pair), Paraflechtung (Braid shield), Geflechtverklebung (Braid shield adhesive).

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Produktdaten und Produktinformationen		Physikalische Spezifikationen / Physical Properties	
Bezeichnung / Name	DK-1843-VH-1 // CAT 8.2 S/FTP Installation Cable, 100m, Simplex, D _{ca}	Leiter / Conductor	Beim Hersteller mit 25°C gemessen (20°/1,60) / As manufactured at 25°C (20°/1,60)
Norm / Standard	ISO/IEC 11801-1:2017 (Cat. 8) / ANSI/TIA-568-C-03-1 (Cat. 8) / EN 50173-1:2016 (Cat. 8) / EN 50173-2:2016 (Cat. 8)	Isolationsmaterial / Insulation material	LSZH (Low Smoke Zero Halogen) / LSZH (Low Smoke Zero Halogen)
Norm / Standard	ISO/IEC 11801-1:2017 (Cat. 8) / ANSI/TIA-568-C-03-1 (Cat. 8) / EN 50173-1:2016 (Cat. 8) / EN 50173-2:2016 (Cat. 8)	Beim Hersteller mit 25°C gemessen (20°/1,60) / As manufactured at 25°C (20°/1,60)	Beim Hersteller mit 25°C gemessen (20°/1,60) / As manufactured at 25°C (20°/1,60)
Elektrische Eigenschaften / Electrical Properties		Mechanische Eigenschaften / Mechanical Properties	
Hersteller / Manufacturer	DIGITUS	Spannung / Voltage	100V AC
Norm / Standard	ISO/IEC 11801-1:2017 (Cat. 8) / ANSI/TIA-568-C-03-1 (Cat. 8) / EN 50173-1:2016 (Cat. 8) / EN 50173-2:2016 (Cat. 8)	Spannung / Voltage	100V AC
Norm / Standard	ISO/IEC 11801-1:2017 (Cat. 8) / ANSI/TIA-568-C-03-1 (Cat. 8) / EN 50173-1:2016 (Cat. 8) / EN 50173-2:2016 (Cat. 8)	Spannung / Voltage	100V AC
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Norm / Standard	ISO/IEC 11801-1:2017 (Cat. 8) / ANSI/TIA-568-C-03-1 (Cat. 8) / EN 50173-1:2016 (Cat. 8) / EN 50173-2:2016 (Cat. 8)	Spannung / Voltage	100V AC
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Leitungsgruppen Transmissions Properties									
Wire	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
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1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

Compliance Statement

Normed Channel, Class 1 (Category 1)

EN 50173-1:2016, EN 50173-2:2016

Signature: [Signature]

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CPR Einstufung / Classification

B2ca	Sehr hoch / Very high	1+	• Spannungsbegrenzung (Voltage limitation) • Flammschutz (Flame protection) • Regelmäßige Filterung (Regular filtering)
Cca	Hoch / High	3	• Spannungsbegrenzung (Voltage limitation)
Dca	Mittel / Medium	3	• Spannungsbegrenzung (Voltage limitation)
Eca	Gering / Low	3	• Spannungsbegrenzung (Voltage limitation)

Norm / Standard: C_{ca}, s1a, d1, a1

