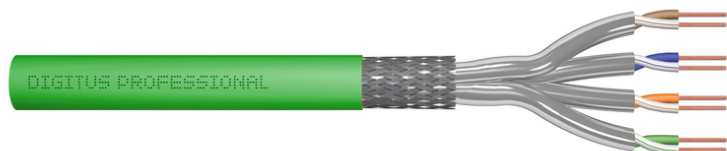


DIGITUS CAT 8.2 S/FTP installation cable, 100 m, Simplex, Dca

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

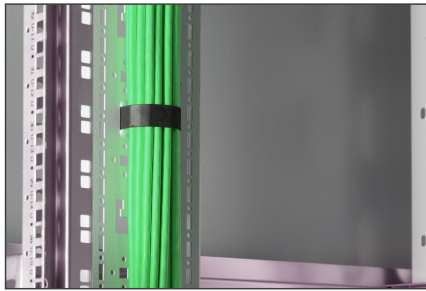
- Operating temperature range: -20 °C bis +60 °C
- Installation temperature range: 0 °C to +50 °C
- Overall diameter Simplex (nominal): 7.9 mm nominal (Dca)
- Weight (kg/km): 65 kg/km
- Electrical properties:
- Impedance: 100±15 Ohm @ 1 - 2000MHz
- Capacitance: 99 pF/30m nominal @ 1 KHz
- Capacitance 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	0	6.00	29.00	29.00	17.00	14,297.00

More images:



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

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

Anwendungsbereich
Example of use

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

Kabelquerschnitt
Cable cross section

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

Produktinformation Product Information	Physikalische Spezifikation Physical Properties
Bezeichnung DK-1843-VH-1 // CAT 8.2 S/FTP Installation Cable, 100m, Simplex, D _{ca}	Teilenummer DK-1843-VH-1
Hersteller DIGITUS	Material Cable
Artikelnummer DK-1843-VH-1	Farbe Green
Norm ISO/IEC 11801-1, ISO/IEC 11801-2, ISO/IEC 11801-3, ISO/IEC 11801-4, ISO/IEC 11801-5, ISO/IEC 11801-6, ISO/IEC 11801-7, ISO/IEC 11801-8, ISO/IEC 11801-9, ISO/IEC 11801-10, ISO/IEC 11801-11, ISO/IEC 11801-12, ISO/IEC 11801-13, ISO/IEC 11801-14, ISO/IEC 11801-15, ISO/IEC 11801-16, ISO/IEC 11801-17, ISO/IEC 11801-18, ISO/IEC 11801-19, ISO/IEC 11801-20, ISO/IEC 11801-21, ISO/IEC 11801-22, ISO/IEC 11801-23, ISO/IEC 11801-24, ISO/IEC 11801-25, ISO/IEC 11801-26, ISO/IEC 11801-27, ISO/IEC 11801-28, ISO/IEC 11801-29, ISO/IEC 11801-30, ISO/IEC 11801-31, ISO/IEC 11801-32, ISO/IEC 11801-33, ISO/IEC 11801-34, ISO/IEC 11801-35, ISO/IEC 11801-36, ISO/IEC 11801-37, ISO/IEC 11801-38, ISO/IEC 11801-39, ISO/IEC 11801-40, ISO/IEC 11801-41, ISO/IEC 11801-42, ISO/IEC 11801-43, ISO/IEC 11801-44, ISO/IEC 11801-45, ISO/IEC 11801-46, ISO/IEC 11801-47, ISO/IEC 11801-48, ISO/IEC 11801-49, ISO/IEC 11801-50, ISO/IEC 11801-51, ISO/IEC 11801-52, ISO/IEC 11801-53, ISO/IEC 11801-54, ISO/IEC 11801-55, ISO/IEC 11801-56, ISO/IEC 11801-57, ISO/IEC 11801-58, ISO/IEC 11801-59, ISO/IEC 11801-60, ISO/IEC 11801-61, ISO/IEC 11801-62, ISO/IEC 11801-63, ISO/IEC 11801-64, ISO/IEC 11801-65, ISO/IEC 11801-66, ISO/IEC 11801-67, ISO/IEC 11801-68, ISO/IEC 11801-69, ISO/IEC 11801-70, ISO/IEC 11801-71, ISO/IEC 11801-72, ISO/IEC 11801-73, ISO/IEC 11801-74, ISO/IEC 11801-75, ISO/IEC 11801-76, ISO/IEC 11801-77, ISO/IEC 11801-78, ISO/IEC 11801-79, ISO/IEC 11801-80, ISO/IEC 11801-81, ISO/IEC 11801-82, ISO/IEC 11801-83, ISO/IEC 11801-84, ISO/IEC 11801-85, ISO/IEC 11801-86, ISO/IEC 11801-87, ISO/IEC 11801-88, ISO/IEC 11801-89, ISO/IEC 11801-90, ISO/IEC 11801-91, ISO/IEC 11801-92, ISO/IEC 11801-93, ISO/IEC 11801-94, ISO/IEC 11801-95, ISO/IEC 11801-96, ISO/IEC 11801-97, ISO/IEC 11801-98, ISO/IEC 11801-99, ISO/IEC 11801-100	

Leistungseigenschaften Transmission Properties

Strecke	100	200	300	400	500	600	700	800	900	1000
Attenuation	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0
Return Loss	15	15	15	15	15	15	15	15	15	15
Reflection Coefficient	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20
Insertion Loss	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Shielding Effectiveness	100	100	100	100	100	100	100	100	100	100

Compliance Statement No. 2023-225

Normed Channel, Class I (Category I)

Product Description (optional label): CAT 8.2 S/FTP Installation Cable, 100m, Simplex, Dca

Declaration: I hereby declare that the product described above complies with the requirements of the CE mark according to the applicable standards and regulations.

Signature: [Signature]

Date: [Date]

CE Marking Legend

B2 High	C High	D Medium	E Low
s Shielding	d Drum	a Armoured	

Additional information: 1+, 3

