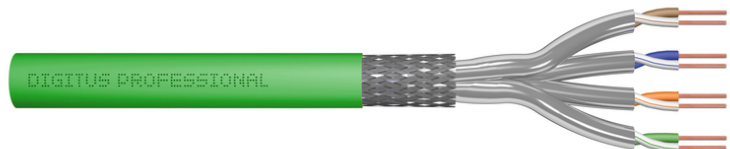


# DIGITUS CAT 8.2 S/FTP installation cable, 100 m, Simplex, Dca

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

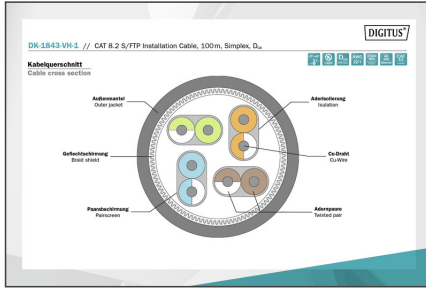
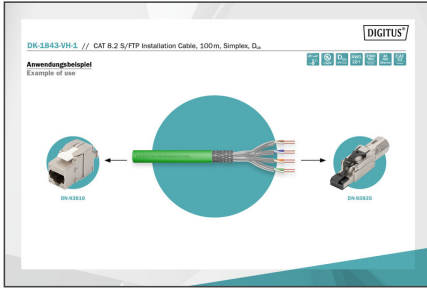
- Installation temperature range: 0 °C to +50 °C
- Overall diameter Simplex (nominal): 7.9 mm nominal (Dca)
- Weight (kg/km): 65 kg/km
- Electrical properties:
- Impedance: 100±15 Ohm @ 1 - 2000MHz
- Capacitance: 99 pF/30m nominal @ 1 KHz
- Capacitance unbalance (pair-ground): Is not specified
- Insulation 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
- 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

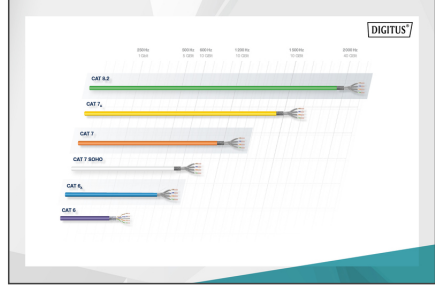
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	1	6.00	29.00	29.00	17.00	14,297.00
Packaging Unit Inside	1	6.00	29.00	29.00	17.00	14,297.00
Packaging Unit Single	1	6.00	29.00	29.00	17.00	14,297.00
Net single without Packaging	1	6.00	29.00	29.00	17.00	0.00

More images:



Produktbeschreibung / Product Description		Physikalische Spezifikationen / Physical Properties	
Bestandteile / Components	100m Green Cat 8.2 S/FTP Plenum Patch Cord	Zeitpunkt / Time	Beschreibung der CAT 8.2 S/FTP Plenum Patch Cord
Werte / Values	100m, Green, Cat 8.2 S/FTP, Plenum	Material / Material	100m, Green, Cat 8.2 S/FTP, Plenum
Normen / Standards	IEEE 802.3, ISO/IEC 11801-1, ISO/IEC 11801-2, ISO/IEC 11801-3, IEC 60603-2-1, IEC 60603-2-2, IEC 60603-2-3, IEC 60603-2-4, IEC 60603-2-5, IEC 60603-2-6, IEC 60603-2-7, IEC 60603-2-8, IEC 60603-2-9, IEC 60603-2-10, IEC 60603-2-11, IEC 60603-2-12, IEC 60603-2-13, IEC 60603-2-14, IEC 60603-2-15, IEC 60603-2-16, IEC 60603-2-17, IEC 60603-2-18, IEC 60603-2-19, IEC 60603-2-20, IEC 60603-2-21, IEC 60603-2-22, IEC 60603-2-23, IEC 60603-2-24, IEC 60603-2-25, IEC 60603-2-26, IEC 60603-2-27, IEC 60603-2-28, IEC 60603-2-29, IEC 60603-2-30, IEC 60603-2-31, IEC 60603-2-32, IEC 60603-2-33, IEC 60603-2-34, IEC 60603-2-35, IEC 60603-2-36, IEC 60603-2-37, IEC 60603-2-38, IEC 60603-2-39, IEC 60603-2-40, IEC 60603-2-41, IEC 60603-2-42, IEC 60603-2-43, IEC 60603-2-44, IEC 60603-2-45, IEC 60603-2-46, IEC 60603-2-47, IEC 60603-2-48, IEC 60603-2-49, IEC 60603-2-50, IEC 60603-2-51, IEC 60603-2-52, IEC 60603-2-53, IEC 60603-2-54, IEC 60603-2-55, IEC 60603-2-56, IEC 60603-2-57, IEC 60603-2-58, IEC 60603-2-59, IEC 60603-2-60, IEC 60603-2-61, IEC 60603-2-62, IEC 60603-2-63, IEC 60603-2-64, IEC 60603-2-65, IEC 60603-2-66, IEC 60603-2-67, IEC 60603-2-68, IEC 60603-2-69, IEC 60603-2-70, IEC 60603-2-71, IEC 60603-2-72, IEC 60603-2-73, IEC 60603-2-74, IEC 60603-2-75, IEC 60603-2-76, IEC 60603-2-77, IEC 60603-2-78, IEC 60603-2-79, IEC 60603-2-80, IEC 60603-2-81, IEC 60603-2-82, IEC 60603-2-83, IEC 60603-2-84, IEC 60603-2-85, IEC 60603-2-86, IEC 60603-2-87, IEC 60603-2-88, IEC 60603-2-89, IEC 60603-2-90, IEC 60603-2-91, IEC 60603-2-92, IEC 60603-2-93, IEC 60603-2-94, IEC 60603-2-95, IEC 60603-2-96, IEC 60603-2-97, IEC 60603-2-98, IEC 60603-2-99, IEC 60603-2-100	Abmessungen / Dimensions	20,00mm x 10,00mm x 10,00mm
Technische Daten / Technical Data	AWG 22/1, 2000MHz, 40GbE, CAT 8.2	Temperaturbereich / Temperature Range	0°C bis +60°C
Lebensdauer / Lifetime	10 Jahre / 10 Years	Brandklasse / Fire Class	Plenum

Leistungsmerkmale / Performance Properties									
STRECKE / DIST.	UHF	60GHZ	PL60GHZ	40G	25G	10G	1G	100M	10M
15	2	4	8	16	32	64	128	256	512
30	4	8	16	32	64	128	256	512	1024
60	8	16	32	64	128	256	512	1024	2048
120	16	32	64	128	256	512	1024	2048	4096
240	32	64	128	256	512	1024	2048	4096	8192
480	64	128	256	512	1024	2048	4096	8192	16384
960	128	256	512	1024	2048	4096	8192	16384	32768
1920	256	512	1024	2048	4096	8192	16384	32768	65536
3840	512	1024	2048	4096	8192	16384	32768	65536	131072



CFR-Behälter / CFR Container	Brennverhalten / Fire Classification	Leitungsmechanik (P/FTP) / Conductor Technology (P/FTP)	Auflage der conforming Reihe / Part of the conforming series	Zusatzfunktionen / Additional Functions
<b>B2ca</b>	Smoke Index Very High	1+	<ul style="list-style-type: none"> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> </ul>	<ul style="list-style-type: none"> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> </ul>
<b>Cca</b>	High High		<ul style="list-style-type: none"> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> </ul>	<ul style="list-style-type: none"> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> </ul>
<b>Dca</b>	Medium Medium		<ul style="list-style-type: none"> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> </ul>	<ul style="list-style-type: none"> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> </ul>
<b>Eca</b>	Low Low	3	<ul style="list-style-type: none"> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> </ul>	<ul style="list-style-type: none"> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> <li>Leitungsstrahlung / Conductor Radiation</li> </ul>

AWG 22/1

2000 MHz

40 GbE Ethernet

20° / +60°

LSZH

**CAT 8.2 S/FTP**  
Installation Cable, 100m,  
Simplex, D<sub>ca</sub>

CAT 8.2

CFR class

