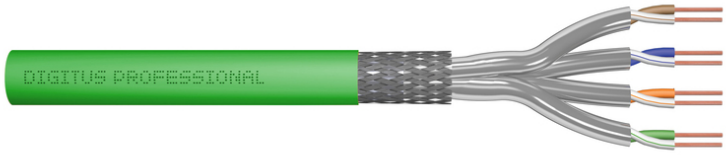
DIGITUS® CAT 8.2 S/FTP data cable - installation cable, 100 m, simplex, Dca

DK-1843-VH-1

EAN 4016032476207



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

The DIGITUS® Professional CAT 8.2 S/FTP installation cable is characterized by the following cable construction 4x2x AWG22/1 and achieves a transmission frequency of up to 2000 MHz. The halogen-free cable sheath complies with IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euroclass Dca standards. The cable is suitable for building cabling in secondary and tertiary applications. 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 copper wire, AWG 22/1
- 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: Dca-s2,d1,a1 according to EN 50575
- Outer sheath thickness (nominal): 0.55 mm nominal
- Outer sheath color: Green
- 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: 2.4Ohm/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: 74%

Attributes

- 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 100 m, ring, simplex, Dca

Logistics

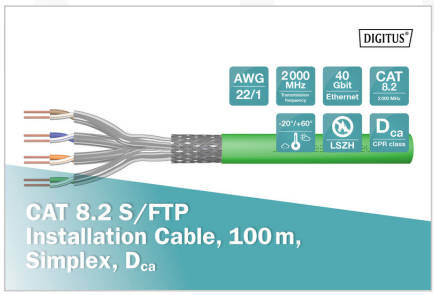
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	6.00	29.00	29.00	17.00	14,297.00
Packaging Unit Inside	1	6.00	29.00	29.00	17.00	14,297.00
Packaging Unit Single	1	6.00	29.00	29.00	17.00	14,297.00
Net single without Packaging	0	6.00	29.00	29.00	17.00	14,297.00

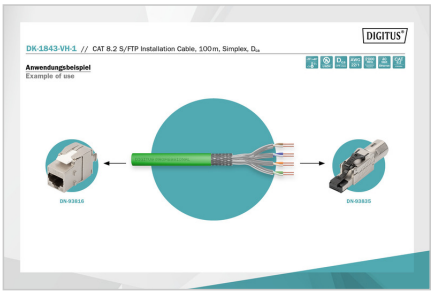
Druckfehler, Irrtümer und technische Änderungen sind vorbehalten. | Printing errors, falsities and technical changes remain reserved.

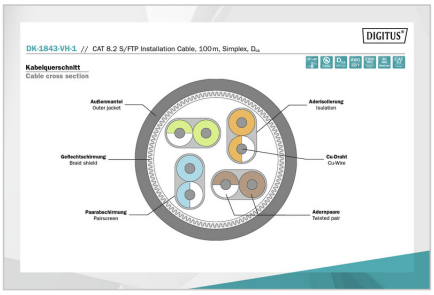
More images:

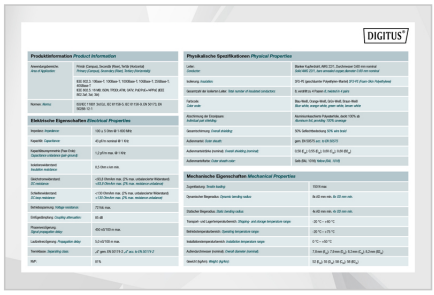


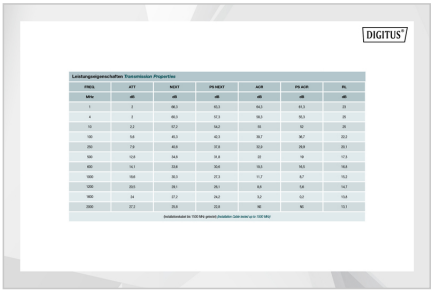



DIGITUS
AWG 22/1
2000 MHz
40 Gbit Ethernet
CAT 8.2
-20°/+60°
LSZH
Dca
CPR class
CAT 8.2 S/FTP
Installation Cable, 100 m,
Simplex, Dca

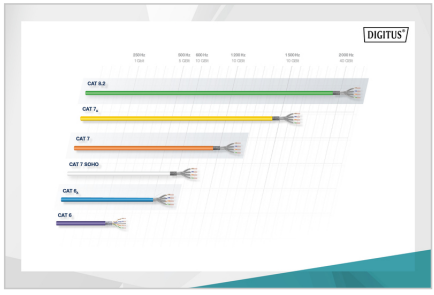

DIGITUS
DK-1843-VH-1 // CAT 8.2 S/FTP Installation Cable, 100 m, Simplex, Dca
Anwendungsbeispiel
Example of use

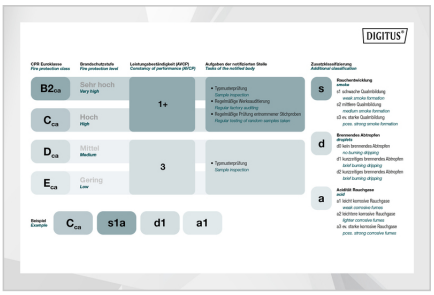

DIGITUS
DK-1843-VH-1 // CAT 8.2 S/FTP Installation Cable, 100 m, Simplex, Dca
Kabelquerschnitt
Cable cross section
Außenmantel
Outer jacket
Geflechtschirmung
Braid shield
Paarabschirmung
Pairscreen
Adertolierung
Isolation
Cu-Draht
Cu-Wire
Adernpaare
Twisted pair


DIGITUS
Produktinformation Product information
Physikalische Spezifikationen Physical Properties
Elektrische Eigenschaften Electrical Properties
Mechanische Eigenschaften Mechanical Properties


DIGITUS
Leistungseigenschaften Transmission Properties


FORCE
Compliance Statement
No. 2021-725
Screened Channel, Class I (Category 8)


DIGITUS
CAT 8.2
CAT 7A
CAT 7
CAT 7 SOHO
CAT 6A
CAT 6


DIGITUS
B2ca
Cca
Dca
Eca
1+
3
s
d
a
Beispiel
Example
Cca
s1a
d1
a1

