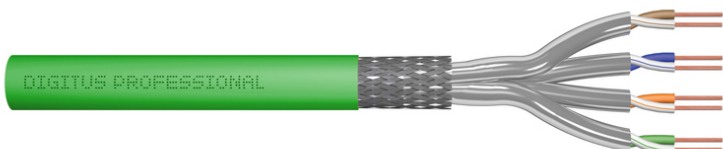


DIGITUS CAT 8.2 S/FTP installation cable, 100 m, Simplex, Dca

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%
- Categorie: CAT 8.2
- Afscherming: S-FTP, paren in metaalfolie- en vlechtscherming
- CPR: Dca
- CPR: Dca
- Lengte: 100 m
- Kleur: groen
- Mantel: LSOH
- Structuur: 4 x 2 AWG 22/1, massief getwist paar

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 ³
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:

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

Anwendungsbildet / Example of use

DK-1843-VH-1

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

Kabelquerschnitt / Cable cross section

Adhäsionsart / Outer jacket, Adhäsionsart / Insulation, Geflecht / Shield, De-Drill / Cutters, Paarleitung / Pairs, Paarleitung / Twisted pair

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Produktdatenblatt / Product information		Physikalische Spezifikationen / Physical Properties	
Produktname / Product name: CAT 8.2 S/FTP Installation Cable, 100m, Simplex, D _{ca}	Teilenummer / Part number: DK-1843-VH-1	Material / Material: PVC	Norm / Standard: EN 50323-3-10
Produktbeschreibung / Product description: CAT 8.2 S/FTP Installation Cable, 100m, Simplex, D _{ca}	Material / Material: PVC	Temperaturbereich / Temperature range: -40°C bis +75°C	Abmessungen / Dimensions: 12,5 x 2,0 x 1,0 mm
Abmessungen / Dimensions: 12,5 x 2,0 x 1,0 mm	Abmessungen / Dimensions: 12,5 x 2,0 x 1,0 mm	Abmessungen / Dimensions: 12,5 x 2,0 x 1,0 mm	Abmessungen / Dimensions: 12,5 x 2,0 x 1,0 mm

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Leistungseigenschaften / Performance Properties

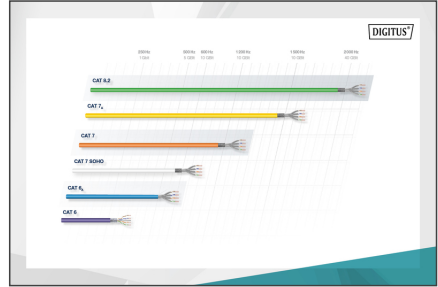
Strom	AVT	AVST	PLAVT	AVR	PLAVR	PL
10	22	22	22	22	22	22
1	20	20	20	20	20	20
1	1	1	1	1	1	1

Compliance Statement

Standard: Class 1 Category 8

No. 2022-725

CE mark



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CFR-Beschreibung / CFR description	Beschreibung / Description	Leistungseigenschaften / Performance Properties	Abmessungen / Dimensions	Anwendungsbereich / Application range
B2+	Super High	1+	12,5 x 2,0 x 1,0 mm	• Signalübertragung • Signalübertragung
C _{ca}	High	3	12,5 x 2,0 x 1,0 mm	• Signalübertragung • Signalübertragung
D _{ca}	Medium			
E _{ca}	Low			

Produktcode: C_{ca} s1a d1 a1

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

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

