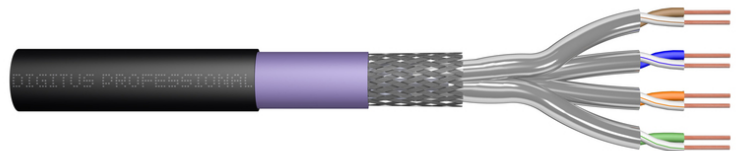


DIGITUS Cat.7 S/FTP burial installation cable, 1000 m, simplex, PE

DK-1741-VH-10-OD
EAN 4016032354130



CAT 7 S-FTP outdoor installation cable, 1200 MHz PE, inner Eca (LSZH), AWG 23/1, 1000m, sx, bl&pu

The Digitus® Professional Cat.7 S/FTP burial installation cable is characterized by the following cable construction 4x2x AWG23/1 and reaches a transmission frequency up to 1200 MHz. The cable has a PE outer jacket and a halogen free inner jacket and is conform to the standard IEC 60332-1, FRNC-B, LSZH-1 and CPR Euro class Eca. The cable is suitable for installations in dry or wet areas, outdoor or ground. Compliant with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.

Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- Insulation: SFS-PE (Foam-Skin Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shielding: Aluminum foil, providing 100 % coverage
- Overall shielding: Copper wire braid
- Outer sheath: PE (Polyethylene); UV resistant
- Outer sheath diameter (nominal): 0.50 mm nominal
- Outer sheath color: Black (RAL 9005)
- Mechanical properties:
- Tensile loading: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Shipping- and storage temperature range: -20 °C up to +60 °C

- Operating temperature range: -50 °C up to +60 °C
- Installation temperature range: 0 °C up to +60 °C
- Overall diameter Simplex (nominal): 8.5 mm nominal (Eca)
- Weight (kg/km): 66.5 kg/km
- Electrical properties:
- Impedance: 100±5 Ohm @ 4-100 MHz; 100±25 Ohm @ 100-1200 MHz
- Capacitance: 45 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-ground): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. resistance unbalance)
- DC loop resistance: 190 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: CA-Type 1b
- Signal propagation delay: 450 nS/100 m max.
- Delay difference: 10 nS/100 m max.
- Separating class: "d" acc. to EN 50174-2
- NVP: 79%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Eca
- Length: 1000 m
- Color: black
- Jacket: PE
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	66.00	60.00	60.00	33.00	118,800.00
Packaging Unit Inside	1	66.00	60.00	60.00	33.00	118,800.00
Packaging Unit Single	1	66.00	60.00	60.00	33.00	118,800.00
Net single without Packaging	1	66.00	0.00	0.00	0.00	0.00

More images:



AWG	23/1	1200 MHz	10 Gbit Ethernet	CAT 7
Shielding	Yes (STB)	LSZH	CFR Class E	300' x 60"

AWG	23/1	1200 MHz	10 Gbit Ethernet	CAT 7
Shielding	Yes (STB)	LSZH	CFR Class E	300' x 60"

Zertifikat

NO: 23387-21

Kategorie 7

CAT 7 S/FTP
Burial Installation Cable, 1000m,
Simplex, PE

DK-1741-VH-10-00 // CAT 7 S/FTP Burial Installation Cable, 1000m, Simplex, PE

Anwendungsbispiel
Example of use

DK-1741-VH-10-00 // CAT 7 S/FTP Burial Installation Cable, 1000m, Simplex, PE

Kabelquerschnitt
Cable cross section

Produktinformationen Product Information	Physikalische Spezifikationen Physical Properties
Hersteller: DIGITUS Professional Produktname: CAT 7 S/FTP Burial Installation Cable, 1000m, Simplex, PE Artikelnummer: DK-1741-VH-10-00 Barcode: 4251060658265	Material: PVC Lebensdauer: 50 Jahre Temperaturbereich: -30°C bis +70°C Bestandteile: 100m, 200m, 300m, 400m, 500m, 600m, 700m, 800m, 900m, 1000m

AWG	UTP	STP	S/FTP	SHIELD	PLA	PL/SLD	PL	SHIELD	PL/SLD/STP
24	24	24	24	24	24	24	24	24	24
22	22	22	22	22	22	22	22	22	22
20	20	20	20	20	20	20	20	20	20
18	18	18	18	18	18	18	18	18	18
16	16	16	16	16	16	16	16	16	16
14	14	14	14	14	14	14	14	14	14
12	12	12	12	12	12	12	12	12	12

