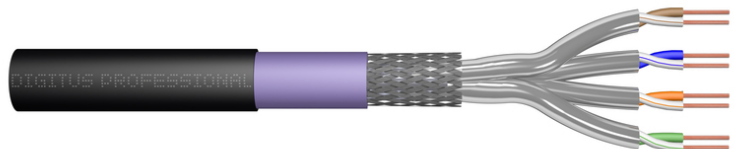


# DIGITUS Cat.7 S/FTP burial installation cable, 100 m, simplex, PE

DK-1741-VH-1-OD  
 EAN 4016032387435



### CAT 7 S-FTP outdoor installation cable, 1200 MHz PE, inner Eca (LSZH-1), AWG 23/1, 100m, 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: 100 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	5.75	15.00	32.00	32.00	15,360.00
Packaging Unit Inside	1	5.75	15.00	32.00	32.00	15,360.00
Packaging Unit Single	1	5.75	15.00	32.00	32.00	15,360.00
Net single without Packaging	1	0.00	15.00	32.00	32.00	0.00

More images:

**CAT 7 S/FTP Burial Installation Cable, 100m, Simplex, PE**

- AWG 23/1
- 1200 MHz
- 10 Gbit Ethernet
- CAT 7
- 90°/+60°
- LSZH
- E<sub>ca</sub> CPR class

**DK-1741-VH-3-0D // CAT 7 S/FTP Burial Installation Cable, 100m, Simplex, PE**

**Anwendungsbeispiel**  
Example of use

**DK-1741-VH-3-0D // CAT 7 S/FTP Burial Installation Cable, 100m, Simplex, PE**

**Kabelquerschnitt**  
Cable cross section

**Physikalische Eigenschaften Product Description**

Hersteller	Digitus	Produktname	DK-1741-VH-3-0D
Teilenummer	DK-1741-VH-3-0D	Material	PE
Artikelnummer	DK-1741-VH-3-0D	Farbe	Black
Netztyp	1200 MHz	Abmessungen	100m
Netzkategorie	CAT 7	Abmessungen	100m
Netztoleranz	-90°/+60°	Abmessungen	100m
Netzkategorie	LSZH	Abmessungen	100m
Netzkategorie	E <sub>ca</sub> CPR class	Abmessungen	100m

**Physikalische Eigenschaften Physical Properties**

Hersteller	Digitus	Produktname	DK-1741-VH-3-0D
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Netztoleranz	-90°/+60°	Abmessungen	100m
Netzkategorie	LSZH	Abmessungen	100m
Netzkategorie	E <sub>ca</sub> CPR class	Abmessungen	100m

**Technische Eigenschaften Technical Properties**

Hersteller	Digitus	Produktname	DK-1741-VH-3-0D
Teilenummer	DK-1741-VH-3-0D	Material	PE
Artikelnummer	DK-1741-VH-3-0D	Farbe	Black
Netztyp	1200 MHz	Abmessungen	100m
Netzkategorie	CAT 7	Abmessungen	100m
Netztoleranz	-90°/+60°	Abmessungen	100m
Netzkategorie	LSZH	Abmessungen	100m
Netzkategorie	E <sub>ca</sub> CPR class	Abmessungen	100m

**Leitfähigkeit Eigenschaften Transmission Properties**

REICH	NETZ	PROF.	PROF.	PROF.	PROF.	PROF.	PROF.	PROF.
1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54
55	56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99
100	101	102	103	104	105	106	107	108

**Zertifikat**  
No. 01818-21

**Kategorie 7**

**CPD Bewertung**

**B2+** (S1)

**C<sub>ca</sub>** (s1a)

**D<sub>ca</sub>** (d1)

**E<sub>ca</sub>** (a1)

**1+**

**3**

**S**

**d**

**a**

