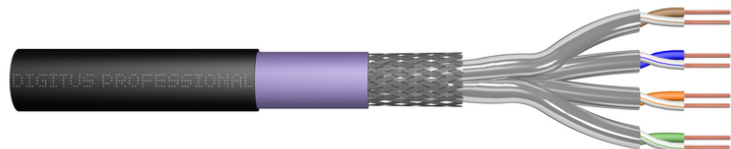


# DIGITUS Cat.7 S/FTP burial installation cable, 500 m, simplex, PE

DK-1741-VH-5-OD  
EAN 4016032431084



### DIGITUS CAT 7 S-FTP PiMF installation cable, raw 500m, drum, AWG 23/1, 1200 MHz, PE, sx, bl

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
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Eca
- Length: 500 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	32.00	24.00	55.00	55.00	72,600.00
Packaging Unit Inside	1	32.00	24.00	55.00	55.00	72,600.00
Packaging Unit Single	1	32.00	24.00	55.00	55.00	72,600.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:

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AWG 23/1 | 1200 MHz | 10 Gbit Ethernet | CAT 7 | 1000 Mbps

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018

LSZH | Ecod | CPR class

**CAT 7 S/FTP Burial Installation Cable, 500m, Simplex, PE**

**DIGITUS**

**DK-1741-VH-S-OD // CAT 7 S/FTP Burial Installation Cable, 500m, Simplex, PE**

**Anwendungsbispiel**  
Example of use

DK-0325

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**DK-1741-VH-S-OD // CAT 7 S/FTP Burial Installation Cable, 500m, Simplex, PE**

**Kabelquerschnitt**  
Cable cross section

Adressierung Outer jacket | Adressierung Isolation | Adressierung Co-Driver Coaxial | Adressierung Shield jacket | Adressierung Paraconen | Adressierung Twisted pair

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Produktionsmerkmale Product Information	Physikalische Eigenschaften Physical Properties
<p><b>Hersteller:</b> DIGITUS Professional Networks GmbH, 10557 Berlin, Germany</p> <p><b>Produktname:</b> CAT 7 S/FTP Burial Installation Cable, 500m, Simplex, PE</p> <p><b>Artikelnummer:</b> DK-1741-VH-S-OD</p> <p><b>Barcode:</b> 4200710410000, 4200710410001, 4200710410002</p>	<p><b>Typ:</b> CAT 7 S/FTP</p> <p><b>Leitungsstruktur:</b> 4x25/7/0.3</p> <p><b>Leitungsart:</b> Simplex</p> <p><b>Leitungsanzahl:</b> 25</p> <p><b>Leitungsart:</b> Simplex</p> <p><b>Leitungsanzahl:</b> 25</p> <p><b>Leitungsart:</b> Simplex</p> <p><b>Leitungsanzahl:</b> 25</p>

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Technische Eigenschaften Technical Properties
<p><b>Leitungsstruktur:</b> 4x25/7/0.3</p> <p><b>Leitungsart:</b> Simplex</p> <p><b>Leitungsanzahl:</b> 25</p> <p><b>Leitungsart:</b> Simplex</p> <p><b>Leitungsanzahl:</b> 25</p> <p><b>Leitungsart:</b> Simplex</p> <p><b>Leitungsanzahl:</b> 25</p>

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**Zertifikat**  
No. 047874-21

**Kategorie 7**

**GHMT**

**Technische Daten, Reihe, Kategorie 7**  
GHMT Type Approval

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CPD-Beschreibung	Standardbeschreibung	Leitungsstruktur (AWG)	Leitungsanzahl	Leitungsart	Leitungsanzahl
B2+	High	23/1	1+	Simplex	25
C2a	High	23/1	3	Simplex	25
D2a	High	23/1	3	Simplex	25
E2a	High	23/1	3	Simplex	25

