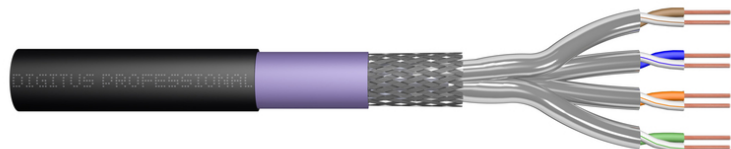


DIGITUS Cat.7 S/FTP burial installation cable, 100 m, simplex, PE

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	5.80	15.00	32.00	32.00	15.40
Packaging Unit Inside	1	5.75	15.00	32.00	32.00	15.40
Packaging Unit Single	1	6.55	15.00	32.00	32.00	15.40
Net single without Packaging	0	5.80	15.00	32.00	32.00	15.40

More images:

DIGITUS

AWG 23/1 | 1200 MHz | 10 Gbit Ethernet | CAT 7 | LSZH | Eca2 CPR class

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

DIGITUS

DK-1741-VH-1-0D // CAT 7 S/FTP Burial Installation Cable, 100m, Simplex, PE

Anwendungsbeispiel
Example of use

DK-0316 | DK-0315

DIGITUS

DK-1741-VH-1-0D // CAT 7 S/FTP Burial Installation Cable, 100m, Simplex, PE

Kabelquerschnitt
Cable cross section

Adressierung Outer jacket | Adressierung Isolation | Adressierung Co-Braid Conductor | Adressierung Braided shield | Adressierung Twisted pair

DIGITUS

Produktionsmerkmale Product Information	Physikalische Eigenschaften Physical Properties
Hersteller: DIGITUS Artikelnummer: DK-1741-VH-1-0D Material: PE	Leitfähigkeit: 100 Gbit Ethernet Temperaturbereich: -50°C bis +60°C Flammverhalten: LSZH CPR-Klasse: Eca2

DIGITUS

Technische Eigenschaften Technical Properties	
Leitfähigkeit Bandwidth	100 Gbit
Temperaturbereich Temperature range	-50 bis +60 °C
Flammverhalten Flammverhalten	LSZH
CPR-Klasse CPR class	Eca2

Leitungsparameter Transmission Properties									
PAIR	TEST	ISO 11801	ISO 11801	ISO 11801	ISO 11801	ISO 11801	ISO 11801	ISO 11801	ISO 11801
1	2	75	75	75	75	75	75	75	75
10	10	75	75	75	75	75	75	75	75
20	20	75	75	75	75	75	75	75	75
30	30	75	75	75	75	75	75	75	75
40	40	75	75	75	75	75	75	75	75
50	50	75	75	75	75	75	75	75	75
60	60	75	75	75	75	75	75	75	75
70	70	75	75	75	75	75	75	75	75
80	80	75	75	75	75	75	75	75	75
90	90	75	75	75	75	75	75	75	75
100	100	75	75	75	75	75	75	75	75

DIGITUS

Zertifikat
No. 99182-21

Kategorie 7

DIGITUS

CPD Standard	Brandenklasse	Leitungsparameter	Adressierung	Brandverhalten
B2ca	High	1+	1+	S
Cca	High	3	3	d
Dca	High	3	3	a
Eca	High	3	3	a

Brandklasse: Cca, s1a, d1, a1

