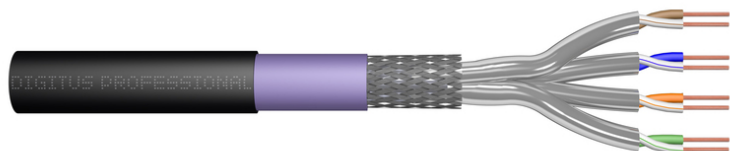


DIGITUS Cat.7 S/FTP burial installation cable, 1000 m, simplex, PE

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.

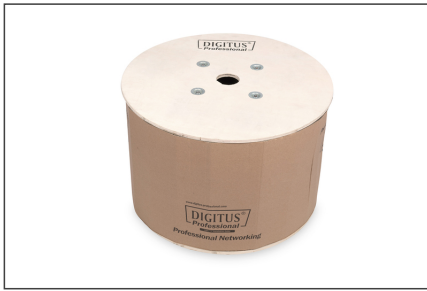
Future-oriented standards and high-end quality for your network.

- 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	0.00
Packaging Unit Inside	1	66.00	60.00	60.00	33.00	0.00
Packaging Unit Single	1	66.00	60.00	60.00	33.00	0.00
Net single without Packaging	0	66.00	0.00	0.00	0.00	0.00

More images:



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Die Eigenschaften sind definiert durch die Kombination aus den folgenden Parametern:

- B₂** - Geflecht hoch
- C_{ca} - Abschirmung**
- D_{ca} - Material**
- E_{ca} - Geflecht**

Die Eigenschaften sind definiert durch die Kombination aus den folgenden Parametern:

- 1+** - Abschirmung
- 3** - Geflecht

Die Eigenschaften sind definiert durch die Kombination aus den folgenden Parametern:

- s** - Abschirmung
- d** - Geflecht
- a** - Geflecht

Die Eigenschaften sind definiert durch die Kombination aus den folgenden Parametern:

- C_{ca}** - Abschirmung
- st1a** - Geflecht
- d1** - Geflecht
- a1** - Geflecht

Zertifikat

Re: 033814-21

Kategorie 7

GHMT Approval

Das Produkt ist für den Einsatz in folgenden Anwendungen geeignet:

- 10GbE Ethernet
- 10GbE Ethernet
- 10GbE Ethernet

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Mechanische Eigenschaften / Mechanical Properties

Parameter	Value
Outer diameter	12.50 mm
Inner diameter	10.00 mm
Outer jacket thickness	0.25 mm
Inner jacket thickness	0.25 mm
Outer jacket material	PE
Inner jacket material	PE
Outer jacket color	Black
Inner jacket color	Black

Leitungsgruppen / Twisted Pairs Properties

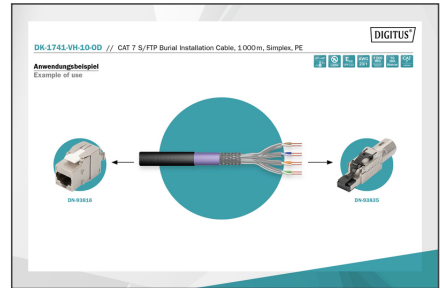
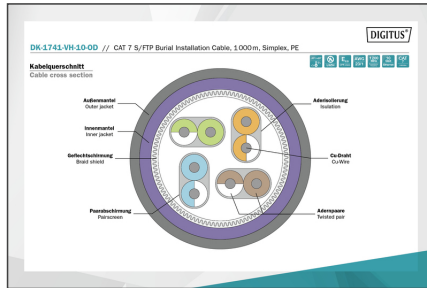
Pair	STP	MD	STP	STP	STP	STP	STP	STP	STP
1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1

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Produktionsdaten / Production Data

Physikalische Spezifikationen / Physical Properties

Parameter	Value
Outer diameter	12.50 mm
Inner diameter	10.00 mm
Outer jacket thickness	0.25 mm
Inner jacket thickness	0.25 mm
Outer jacket material	PE
Inner jacket material	PE
Outer jacket color	Black
Inner jacket color	Black



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

- AWG 23/1
- 1200 MHz
- 10 Gbit Ethernet
- CAT 7
- 1000 m
- LSZH
- Eca CPR class

