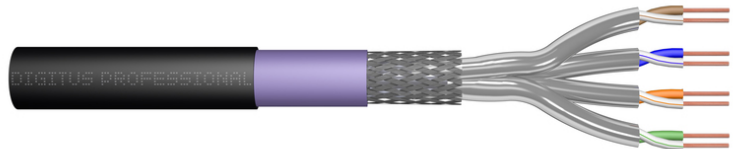


# DIGITUS Professional CAT 7 S-FTP twisted pair buried cable

DK-1741-VH-10-OD  
EAN 4016032354130



## CAT 7 S-FTP outdoor installation cable, 1200 MHz PE, inner Eca (LSZH-1), AWG 23/1, 1000 m drum, simplex, color black & purple

4 x 2 x AWG23 S-FTP CAT7 1200MHz PE, buried cable. Suitable for installations in dry or wet areas, outdoor or ground. Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.

### Best performance and link quality for your network.

- Physical properties:
  - Basic conductor: Solid AWG 23/1, bare annealed copper 0.57 mm nominal
  - Insulation: SFS-PO
  - 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: tin-coated copper wire braid, 35% nom. coverage
  - Outer jacket: PE
  - Outer jacket diameter: 0.50 mm nominal
  - 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: 8.5 mm nom.
  - Weight: 66.5 kg/km
- Electrical properties:
  - Mean impedance: 100±5 Ohm @ 1-600 MHz
  - Capacitance: 40 pF/m nominal @ 1 KHz
  - Capacitance unbalance (pair-ground): 1.6 pF/m max. @ 1 KHz

- Insulation resistance: 5 GOhm x km min.
- Caloric value: 650MJ/m
- DC loop resistance: 147 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: 80 dB
- Signal propagation delay: 450 nS/100 m max.
- Delay difference: 15 nS/100 m max.
- Separating class: "d" acc. to EN 50174-2
- NVP: 79%
- Conductor material: Cu, bare
- Diameter conductor: 0.57 mm
- Nominal cross section conductor: 0.2552 mm<sup>2</sup>
- AWG-size: 23
- Conductor category: Class 1 = solid
- Number of cores: 1
- Stranding element: Pairs
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- Core insulation: Foam-Skin-PE
- Core identification: Colour
- Screen over stranding element: Foil
- Screen over stranding: Braiding
- Material outer sheath: PE (polyethylene)
- Colour outer sheath: Other
- Halogen free (acc. EN 60754-1/2): yes
- Flame retardant: In accordance with EN 60332-1-2
- Low smoke (acc. EN 61034-2): yes
- Outer diameter approx.: 8.5 mm
- Permitted cable outer temperature, in movement: -20 °C ... 60 °C
- Permitted cable outer temperature, fixed: -50 °C ... 60 °C
- Category: 7
- NVP value: 79 %

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	1	47.50	60.00	60.00	33.00	118,800.00
Packaging Unit Inside	1	47.50	60.00	60.00	33.00	118,800.00
Packaging Unit Single	1	47.50	60.00	60.00	33.00	118,800.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

**More images:**

