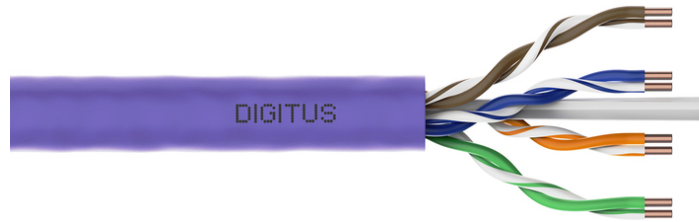


# DIGITUS® CAT 6 U/UTP installation cable, 500 m, Dca

DK-1614-VH-5

EAN 4016032442141



## CAT 6 U-UTP installation cable, 250 MHz Dca (EN 50575), AWG 23/1, 500m drum, Sx, purple

The Digitus CAT 6 U/UTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801-1:2017, EN50173-1, EN 50173-2:2007+A1:2010, EN50399:2011+A1:2016, EN 50575:2014 + A1:2016 ANSI/TIA-568-2.D. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE and POE+.

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

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- System/s of AVCP: AVCP 3
- Insulation: HD-PE (High Density Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shield: None
- Overall shielding: None
- Outer sheath: Eca to B2ca acc. to EN 50575; LSZH
- CPR class Dca s2,d1,a1
- Outer sheath diameter (nominal): 0,5 mm (Eca); 0,6 mm (Dca); 1,0 mm (Cca); 1,0 mm (B2ca)
- Outer sheath color: Purple (RAL 4005)
- Standards: IEC 60332-1, IEC 60754-2:2011, IEC 61034-2:2005+A1:2013, IEC 61156-5:2009+AMD1:2012
- 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: -20 °C up to +75 °C
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 6,1 mm (Eca); 6,3 mm (Dca); 6,8 mm (Cca); 6,8 mm (B2ca)
- Weight (kg/km): 41 kg (Eca); 42 kg (Dca); 44 kg (Cca); 44 kg (B2ca)
- Electrical properties:
- Impedance: 100±5Ohm @ 1 - 250MHz
- Capacitance: 40 pF/m nominal @ 800 Hz
- Capacitance unbalance (pair-ground): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC loop resistance: 147 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: CA-Type 3
- Signal propagation delay: 535 nS/100 m max.
- Propagation delay: 20 nS/100 m max.
- Separating class: „b" acc. to EN 50174-2
- NVP: 69%

### Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Dca
- Length: 500 m
- Color: violet
- Jacket: LSOH
- 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	26.00	36.00	36.00	30.00	38,880.00
Packaging Unit Inside	1	26.00	36.00	36.00	30.00	38,880.00
Packaging Unit Single	1	26.00	36.00	36.00	30.00	38,880.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00



**EU responsible person**

EU based economic operator ensuring the product complies with the required regulations.

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