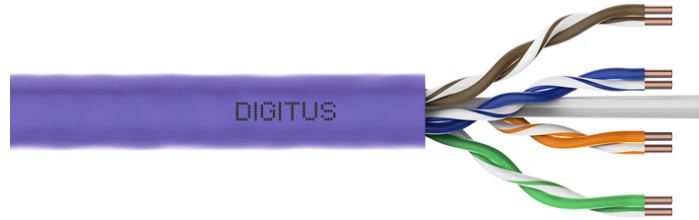


# DIGITUS® CAT 6 U/UTP installation cable, 100 m, simplex, B2ca

DK-1616-VH-1

EAN 4016032442264



## CAT 6 U-UTP installation cable, 250 MHz B2ca (EN 50575), AWG 23/1, 100 m paper box,

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, DIN EN 50288-6-1, DIN EN 50173, IEC 60332-1. 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
  - 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)
- 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±50hm @ 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" gem. EN 50174-2
  - NVP: 69%

### Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: B2ca
- Length: 100 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	4.87	33.00	33.00	12.00	13,068.00
Packaging Unit Inside	1	4.87	0.00	0.00	0.00	0.00
Packaging Unit Single	1	4.87	33.00	33.00	12.00	13,068.00
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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