

DIGITUS Cat.6A U/UTP installation cable, 500 m, simplex, Dca

DK-1614-A-VH-5
EAN 4016032441885



CAT 6A U-UTP installation cable, 500 MHz Dca (EN 50575), AWG 23/1, 500 m drum, sx, blue

DIGITUS® Category 6A U-UTP installation cables are manufactured and tested to the ISO/IEC 11801, TIA/586-C.2 and EN 50173 Category 6A specifications. Every cord consists of 8 color coded AWG 23 polyethylene insulated conductors. The conductors are twisted together to form 4 pairs with varying lay lengths. Printing details along the outer sheath includes the brand name and item code. The cable is packed in a paper pullout box which makes the installation easy.

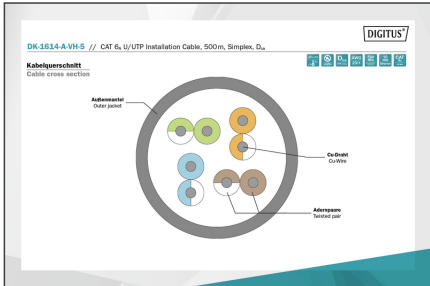
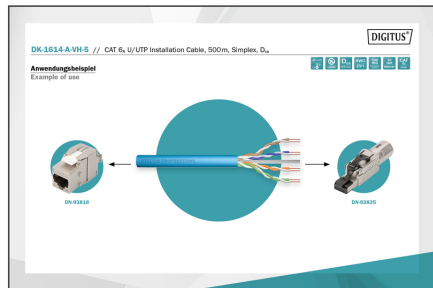
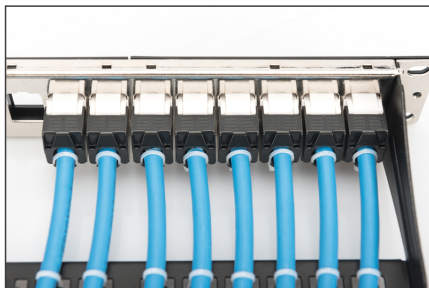
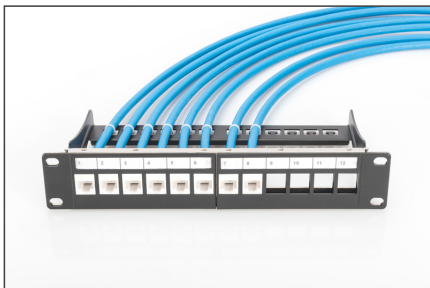
Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare annealed copper, olid AWG 23/1
- 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: Dca to B2ca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0,5 mm (Eca); 0,6 mm (Dca); 1,2 mm (Cca); 1,4 mm (B2ca)
- Outer sheath color: Light blue (RAL 5012)
- 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): 7,1 mm (Eca); 7,3 mm (Dca); 7,4 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 53 kg (Eca); 54 kg (Dca); 55 kg (Cca); 56 kg (B2ca)
- Electrical properties:
- Impedance: 100±50hm @ 1 - 600MHz
- 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.
- DC loop resistance: 147 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: CA-Type 2
- Signal propagation delay: 450 nS/100 m max.
- Propagation delay: 10 nS/100 m max.
- Separating class: "c" acc. to EN 50174-2
- NVP: 70%
- Category: CAT 6A
- Shielding: U-UTP, unshielded
- CPR: Dca
- Length: 500 m
- Color: light-blue
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

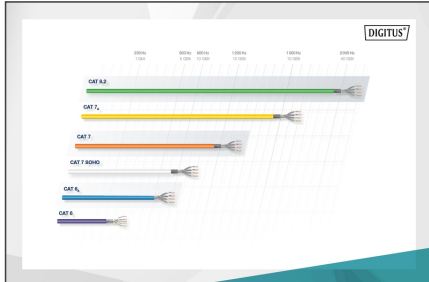
| Logistics | | | | | | |
|------------------------------|--------------|-------------|------------|------------|-------------|-----------|
| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³ |
| Packaging Unit Carton | 1 | 27.50 | 50.00 | 50.00 | 22.00 | 55,000.00 |
| Packaging Unit Inside | 1 | 27.50 | 50.00 | 50.00 | 22.00 | 55,000.00 |
| Packaging Unit Single | 1 | 27.50 | 50.00 | 50.00 | 22.00 | 55,000.00 |
| Net single without Packaging | 1 | 27.50 | 0.00 | 0.00 | 0.00 | 0.00 |

More images:



| Produktdaten Product Information | | Physikalische Spezifikationen Physical Properties | |
|----------------------------------|---|---|---|
| Produktname Product Name | DK-1614-A-VH-5 // CAT 6, U/UTP Installation Cable, 500m, Simplex, D _{ca} | Leiteigenschaften Electrical Properties | Leitungsverhalten Propagation Characteristics |
| Hersteller Manufacturer | Digitus | Leitungsverhalten Propagation Characteristics | Leitungsverhalten Propagation Characteristics |
| Material Material | PVC (Polyvinylchlorid) | Leitungsverhalten Propagation Characteristics | Leitungsverhalten Propagation Characteristics |
| Farbe Color | Blau (Blue) | Leitungsverhalten Propagation Characteristics | Leitungsverhalten Propagation Characteristics |
| Abmessungen Dimensions | 20 x 10 x 10 mm (0.79 x 0.39 x 0.39 in) | Leitungsverhalten Propagation Characteristics | Leitungsverhalten Propagation Characteristics |
| Nettogewicht Net Weight | 100 g (3.53 oz) | Leitungsverhalten Propagation Characteristics | Leitungsverhalten Propagation Characteristics |
| Bruttogewicht Gross Weight | 105 g (3.73 oz) | Leitungsverhalten Propagation Characteristics | Leitungsverhalten Propagation Characteristics |
| Abmessungen Dimensions | 20 x 10 x 10 mm (0.79 x 0.39 x 0.39 in) | Leitungsverhalten Propagation Characteristics | Leitungsverhalten Propagation Characteristics |
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| Bruttogewicht Gross Weight | 105 g (3.73 oz) | Leitungsverhalten Propagation Characteristics | Leitungsverhalten Propagation Characteristics |

| Leitungsverhalten Transmission Properties | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Frequency | Att | Att | Att | Att | Att | Att | Att | Att | Att |
| 1 | 1.7 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 10 | 1.4 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 100 | 1.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 1000 | 0.7 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 10000 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |



| Category | Shielding | Frequency Range | Applications |
|----------|-----------|-----------------|--|
| B2ca | None | Very High | • Typischerweise für Hochgeschwindigkeitssysteme |
| C6a | None | High | • Typischerweise für Hochgeschwindigkeitssysteme |
| Dca | None | Medium | • Typischerweise für Hochgeschwindigkeitssysteme |
| E6a | None | Low | • Typischerweise für Hochgeschwindigkeitssysteme |

