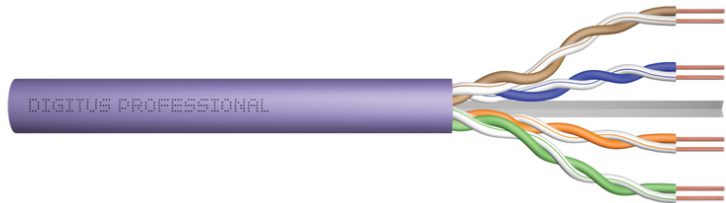


# DIGITUS CAT 6 U/UTP installation cable, 500 m, Dca

**DK-1614-VH-5**  
**EAN 4016032442141**



**CAT 6 U-UTP installation cable, 250 MHz Dca (EN 50575), AWG 23/1, 500m drum, sx, pu**

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+.

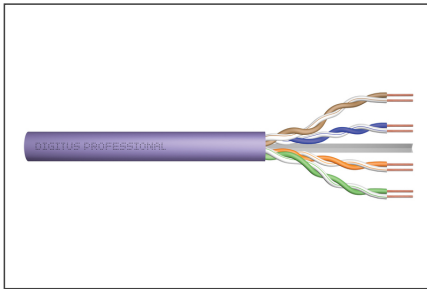
**Future-oriented standards and high-end quality for your network.**

- 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±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%
- 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	38.88
Packaging Unit Inside	1	26.00	36.00	36.00	30.00	38.88
Packaging Unit Single	1	26.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



**Leitungsparameter / Transmission Properties**

ITEM	UNIT	MEET	PER MEET	ACT	PER ACT	TL	ELVACT	PER ELVACT
MMV	dB	20	20	20	20	20	20	20
SL	dB	15	15	15	15	15	15	15
SL	dB	14	14	14	14	14	14	14
SL	dB	13	13	13	13	13	13	13
SL	dB	12	12	12	12	12	12	12
SL	dB	11	11	11	11	11	11	11
SL	dB	10	10	10	10	10	10	10

**Compliance Statement**  
**Unscreened Class E / Category 6**  
**ISO/IEC, EN & ANSI/ETIA**  
**Four-Connector Channel**

intertek ETL  
 ETL Verified Certificate of Conformance Number: 1647819C07-001

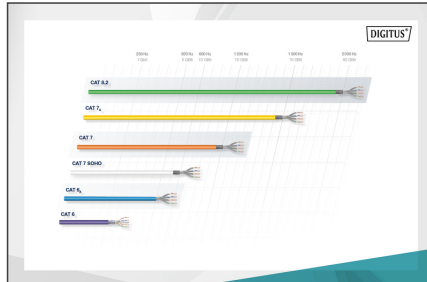
Assmann Electronic GmbH  
 D-8823 Ländelsheim, Germany

**Certificate**  
 No. 25747x-19-D

**Zertifikat**  
 Nr. 25747x-19-D

Class E / Klasse E

**GHMT Type Approval**



**Performance**

• Symmetrisch  
 • Hohe Bitrate  
 • Hohe Flexibilität

**1+**

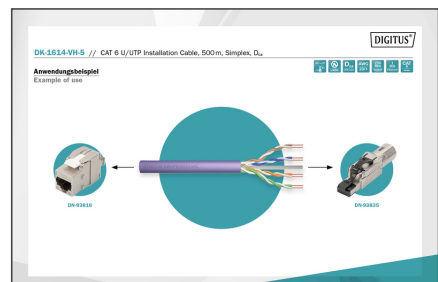
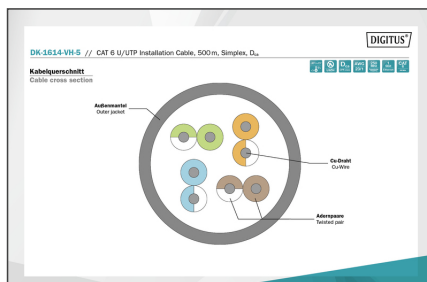
**3**

**C<sub>ca</sub>** **s1a** **d1** **a1**

**Produktbeschreibung / Product Information**

**Technische Eigenschaften / Technical Properties**

**Mechanische Eigenschaften / Mechanical Properties**



**CAT 6 U/UTP Installation Cable, 500 m, Simplex, D<sub>ca</sub>**

AWG 23/1, 250 MHz, 1 Gbit Ethernet, CAT 6, D<sub>ca</sub> CPR class, LSZH

