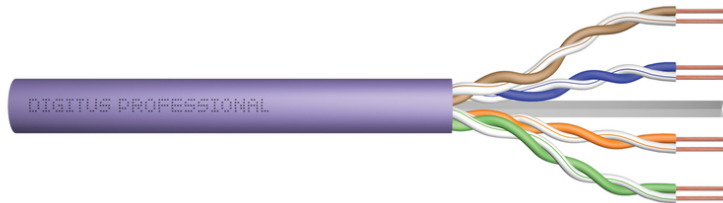


# DIGITUS Cat.6 U/UTP installation cable, 500 m, Cca

DK-1615-VH-5  
EAN 4016032442257



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

The Digitus® Professional Cat.6 U/UTP installation cable is characterized by the following cable construction 4x2x AWG23/1 and reaches a transmission frequency up to 250 MHz. The halogen free cable jacket is conform to the standard IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class Cca. The cable is suitable for building structured cabling in the secondary and tertiary area. Compliant with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-6-1.

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

- Physical properties:
- Conductor: Bare annealed copper, solid 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: 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%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Cca
- 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	24.00	39.50	38.00	27.50	41,277.50
Packaging Unit Inside	1	24.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	24.00	37.00	37.00	31.00	42,439.00
Net single without Packaging	1	23.00	36.00	36.00	27.00	0.00

## More images:



- AWG 23/1
- 250 MHz
- 1 Gbit Ethernet
- CAT 6
- 200°/± 75°
- LSZH
- C<sub>ca</sub> CPR class

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

**DK-1615-VH-S // CAT 6 U/UTP Installation Cable, 500m, Simplex, C<sub>ca</sub>**

**Anwendungsbeispiel**  
Example of use

**DK-1615-VH-S // CAT 6 U/UTP Installation Cable, 500m, Simplex, C<sub>ca</sub>**

**Kabelquerschnitt**  
Cable cross section

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Produktdaten Product Information		Physikalische Spezifikationen Physical Properties	
Bestellnummer / Part Number: DK-1615-VH-S (100000)	Name / Name: CAT 6 U/UTP Installation Cable	Länge / Length: 500m	Material / Material: PVC (Polyvinylchlorid) (V2, 0,3mm dichte Schicht)
Hersteller / Manufacturer: DIGITUS	Material / Material: PVC (Polyvinylchlorid) (V2, 0,3mm dichte Schicht)	Nettogewicht / Net Weight: 1,2kg	Nettogewicht / Net Weight: 1,2kg
Produkttyp / Product Type: CAT 6 U/UTP Installation Cable	Produkttyp / Product Type: CAT 6 U/UTP Installation Cable	Norm / Norm: EN 50173-1, EN 50173-2	Norm / Norm: EN 50173-1, EN 50173-2
Hersteller / Manufacturer: DIGITUS	Hersteller / Manufacturer: DIGITUS	Hersteller / Manufacturer: DIGITUS	Hersteller / Manufacturer: DIGITUS

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**Leistungsleistungen Transmission Properties**

AWG	UTP	FEXT	PLNEXT	ACR	PLACR	AL	PLRXT	PRNFEXT
24	23	23	23	23	23	23	23	23
20	19	19	19	19	19	19	19	19
16	14	14	14	14	14	14	14	14
12	10	10	10	10	10	10	10	10
8	8	8	8	8	8	8	8	8

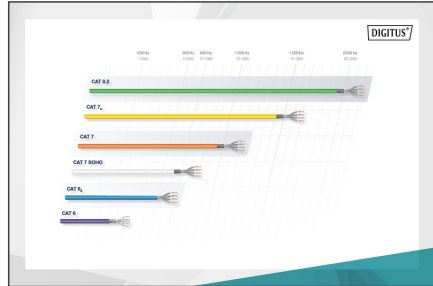
**DIGITUS**

**Certificate**  
No. 1754-03-21-0

**GHMT Type Approval**

**Zertifikat**  
No. 1754-03-21-0

**GHMT Type Approval**



**DIGITUS**

**CPD Compliance**

Standard: C<sub>ca</sub> s1a d1 a1

**Besondere Hinweise**  
Particular notes:

• Temperaturbereich: -20°C bis +70°C

• Brandverhalten: Nicht brennend (V0)

• Vandalenfestigkeit: Vandalenfest (IK10)

• Flexibilität: Flexibilität (100m Radius)

