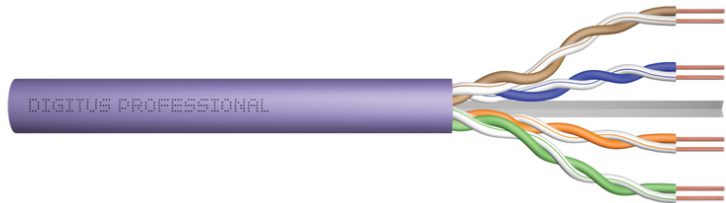


DIGITUS CAT 6 U/UTP installation cable, 500 m, Dca

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+.

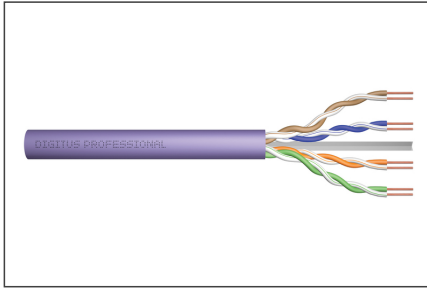
Future-oriented standards and high-end quality for your network.

- 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	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	0	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	26.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	26.00	0.00	0.00	0.00	0.00

More images:



Leitungsgeometrie / Dimension Properties

ITEM	UNIT	MIN	MAX	PER NEXT	ACR	PER ACR	DL	BUCKET	PER BUCKET
MM	mm	1.9	2.0	0.13	0.1	0.1	20	0.5	0.5
20	mm	14.4	14.8	0.4	0.4	0.4	20	0.2	0.2
25	mm	17.2	18.1	0.4	0.4	0.4	20	0.2	0.2
30	mm	19.1	19.2	0.4	0.4	0.4	20	0.2	0.2
35	mm	21.0	20.3	0.4	0.4	0.4	20	0.2	0.2
40	mm	22.8	20.3	0.4	0.4	0.4	20	0.2	0.2

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intertek ETL

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

Antonius Elektronik GmbH
 Graf-De-Schiffel 1
 D-8823 Lärzschel, Germany

ETL Verified Certificate of Compliance Number: 1647819C07-001

intertek.com

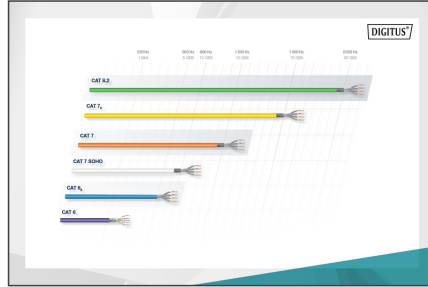
Certificate
 No. 25747x-18-D

Zertifikat
 Nr. 25747x-18-D

Class E **Klasse E**

GHMT Type Approval

GHMT



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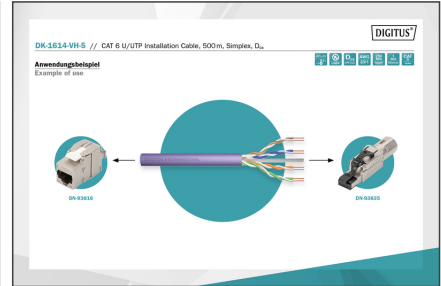
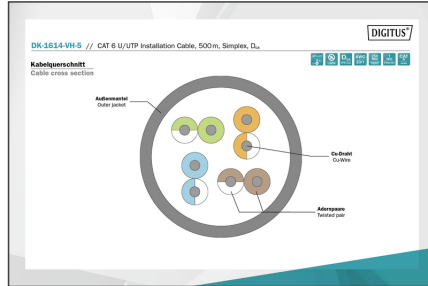
1+

3

C_{ca} **s1a** **d1** **a1**

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Technische Daten / Product Information	Physikalische Spezifikationen / Physical Properties
Produktbeschreibung / Product Description DK-1614-WH-5 // CAT 6 U/UTP Installation Cable, 500m, Simplex, D _{ca}	Typ / Type CAT 6 U/UTP Installation Cable, 500m, Simplex, D _{ca}
Bestellnummer / Order Number DK-1614-WH-5	Material / Material Polyethylene (PE) Jacket, PVC Jacket
Abmessungen / Dimensions 500m, 23 AWG, 250 MHz, 1 Gbit Ethernet	Leitungsgeometrie / Dimension Properties See table above



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CAT 6 U/UTP Installation Cable, 500 m, Simplex, D_{ca}

AWG 23/1, 250 MHz, 1 Gbit Ethernet, CAT 6, D_{ca} CPR class, LSZH

