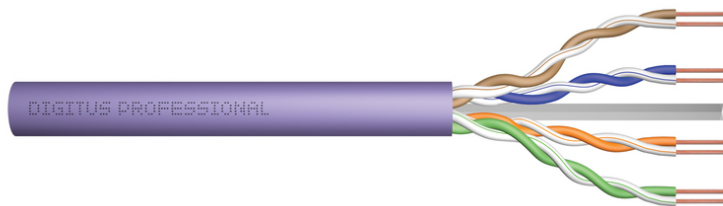


DIGITUS Cat.6 U/UTP installation cable, 305 m, simplex, Dca-s2,d2,a1

DK-1614-VH-305
EAN 4016032435785



CAT 6 U-UTP installation cable, 250 MHz, AWG 23/1 Dca (LSZH-1), 305 m, paper box, simplex, purple

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+.

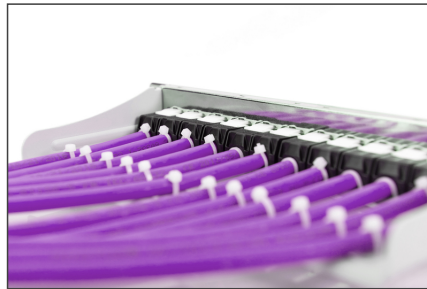
Future-oriented standards and high-end quality for your network.

- 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“ gem. EN 50174-2
- NVP: 69%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Dca
- Length: 305 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)	cm ³
Packaging Unit Carton	1	12.30	45.00	44.50	25.00	50,062.50
Packaging Unit Inside	1	12.30	45.00	44.50	25.00	50,062.50
Packaging Unit Single	1	12.30	45.00	44.50	25.00	50,062.50
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



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AWG 23/1, 250 MHz, 1 Gbit Ethernet, CAT 6, 20°/± 75°, 6, LSZH, Dca CPR class

CAT 6 U/UTP Installation Cable, 305 m, Simplex, D_{ca}

DIGITUS

DK-1614-VH-305 // CAT 6 U/UTP Installation Cable, 305m, Simplex, D_{ca}

Anwendungsbild
Example of use

DIGITUS

DK-1614-VH-305 // CAT 6 U/UTP Installation Cable, 305m, Simplex, D_{ca}

Kabelschicht
Cable cross section

Adressierte Datenpaar, Unshielded Cable, Adressierte Datenpaar

DIGITUS

Produktdaten Product Information	Physikalische Spezifikationen Physical Properties
Bezeichnung Name: DK-1614-VH-305 Artikelnummer Article Number: 800 022 1000 Hersteller Manufacturer: 800 022 1000 Part Number: 800 022 1000 SKU: 800 022 1000	Leiter Conductor: Bare conductor Leitung Leitung: 4x25 Leitungsführung Cable Routing: 120° Leitungsführung Cable Routing: 120° Leitungsführung Cable Routing: 120°
Standard Norm: EN 50173-1 Standard Norm: EN 50173-1 Standard Norm: EN 50173-1	Leitungsführung Cable Routing: 120° Leitungsführung Cable Routing: 120° Leitungsführung Cable Routing: 120°
Leitungsführung Cable Routing: 120° Leitungsführung Cable Routing: 120° Leitungsführung Cable Routing: 120°	Leitungsführung Cable Routing: 120° Leitungsführung Cable Routing: 120° Leitungsführung Cable Routing: 120°

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Leistungseigenschaften Transmission Properties

AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG
24	24	24	24	24	24	24	24	24	24
20	20	20	20	20	20	20	20	20	20
16	16	16	16	16	16	16	16	16	16
12	12	12	12	12	12	12	12	12	12
8	8	8	8	8	8	8	8	8	8
4	4	4	4	4	4	4	4	4	4

3P PARTNER

Compliance Statement
 ENEC, EN & ANSITIA
 Four Connector Channel
 (D-8023 Adressable, Category 6)
 Auf dem Schiffe 1,1
 D-8023 Adressable, Category 6

intertek

ETL Verified Certificate of Conformance Number: 1642782CAT-001

Approved by: **3P PARTNER**

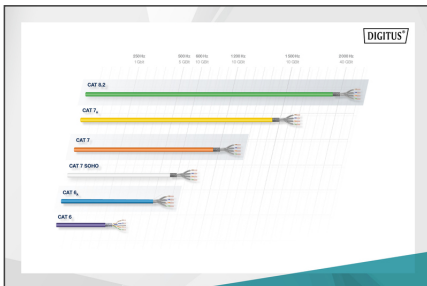
DIGITUS

Certificate
 No. 23515-13-14
 Class E

Zertifikat
 No. 23515-13-14
 Klasse E

2 Connector Channel, Cat6e, Class E
GHMT Type Approval

2 Connector Channel, Cat6e, Class E
GHMT Type Approval



DIGITUS

3P PARTNER

Compliance Statement
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intertek

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Approved by: **3P PARTNER**



Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

ASSMANN Electronic GmbH
Auf dem Schüffel 3
Lüdenscheid, Germany
<https://www.assmann.com>
info@assmann.com