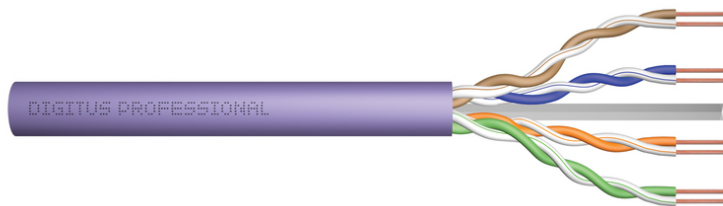


DIGITUS Cat.6 U/UTP installation cable, 305 m, simplex, Dca-s2,d2,a1

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

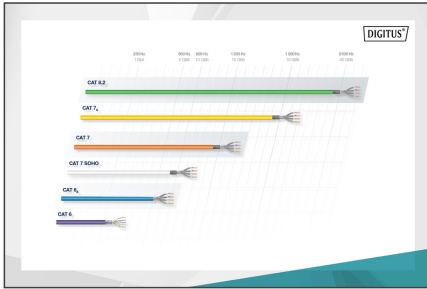
- Operating temperature range: -20 °C up to +75 °C
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 6,1 mm (Eca); 6,3 mm (Dca); 6,8 mm (Cca); 6,8 mm (B2ca)
- Weight (kg/km): 41 kg (Eca); 42 kg (Dca); 44 kg (Cca); 44 kg (B2ca)
- Electrical properties:
- Impedance: 100±50Ωm @ 1 - 250MHz
- Capacitance: 40 pF/m nominal @ 800 Hz
- Capacitance unbalance (pair-ground): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 5 GΩm x km min.
- DC loop resistance: 147 Ωm/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
- 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)	cm³
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:



EN Norm	Brandenklasse	Leitungscharakteristik (AWG)	Leitungscharakteristik (AWG) (Leitungscharakteristik)	Abgleich der verifizierten Werte	Zertifizierung
B2ca	Sehr hoch	1+*	1+*	• Spannungswahl • Temperaturwahl • Temperaturwahl • Temperaturwahl • Temperaturwahl	S
C _{ca}	Hoch	3	3	• Temperaturwahl • Temperaturwahl	d
D _{ca}	Mittel	3	3	• Temperaturwahl	a
E _{ca}	Gering	3	3	• Temperaturwahl	a
E _{ca}	Niedrig	3	3	• Temperaturwahl	a



Certificate
No. 25517-13-E

Class E

2 Connector Channel, Class E
GHMT Type Approval

Zertifikat
Nr. 25517-13-D

Klasse E

2 Connector Channel, Klasse E
GHMT Type Approval

3P PARTY

Compliance Statement
Uncertified Class E / Category 6
IEEE 802.3 AN & AN/UTP
Four Connector Channel

Assmann Electronic GmbH
S-98533 Lohrweil, Germany

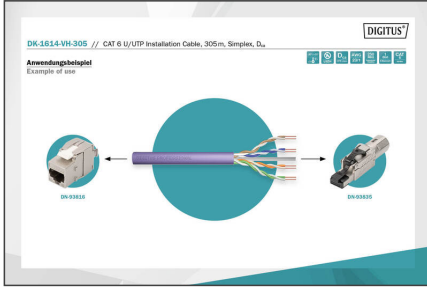
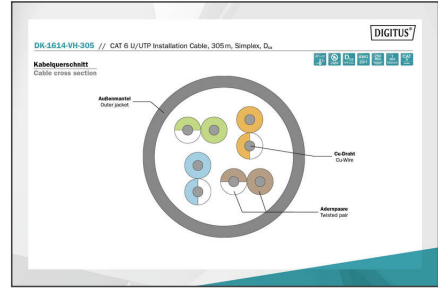
intertek

ETL Verified Certificate of Conformance Number: 1607581-001

Assmann Electronic GmbH
S-98533 Lohrweil, Germany

Leitungsgruppencharakteristiken Transmission Properties									
AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG
20	18	16	14	12	10	8	6	4	2
0.75	1.0	1.3	1.6	2.0	2.5	3.2	4.0	5.0	6.3
10	12	14	16	18	20	22	24	26	28
10	12	14	16	18	20	22	24	26	28
10	12	14	16	18	20	22	24	26	28
10	12	14	16	18	20	22	24	26	28
10	12	14	16	18	20	22	24	26	28
10	12	14	16	18	20	22	24	26	28
10	12	14	16	18	20	22	24	26	28

Produktinformationen Product Information		Physikalische Spezifikationen Physical Properties	
Produktname	DK-1614-VH-305 // CAT 6 U/UTP Installation Cable, 305m, Simplex, D _{ca}	Leitungscharakteristik	250 MHz, 1 Gbit Ethernet
Leitungscharakteristik	250 MHz, 1 Gbit Ethernet	Leitungscharakteristik (AWG)	23/1
Leitungscharakteristik	250 MHz, 1 Gbit Ethernet	Leitungscharakteristik (AWG)	23/1
Leitungscharakteristik	250 MHz, 1 Gbit Ethernet	Leitungscharakteristik (AWG)	23/1
Leitungscharakteristik	250 MHz, 1 Gbit Ethernet	Leitungscharakteristik (AWG)	23/1
Leitungscharakteristik	250 MHz, 1 Gbit Ethernet	Leitungscharakteristik (AWG)	23/1
Leitungscharakteristik	250 MHz, 1 Gbit Ethernet	Leitungscharakteristik (AWG)	23/1
Leitungscharakteristik	250 MHz, 1 Gbit Ethernet	Leitungscharakteristik (AWG)	23/1
Leitungscharakteristik	250 MHz, 1 Gbit Ethernet	Leitungscharakteristik (AWG)	23/1
Leitungscharakteristik	250 MHz, 1 Gbit Ethernet	Leitungscharakteristik (AWG)	23/1



AWG 23/1

250 MHz

1 Gbit Ethernet

CAT 6

305m

LSZH

D_{ca} CPR class

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

