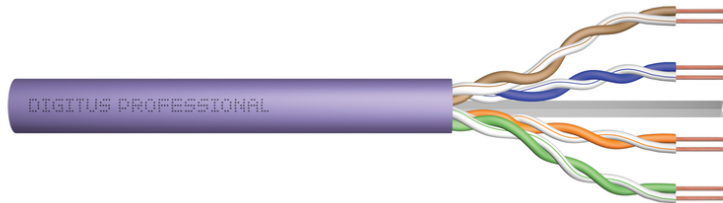


DIGITUS Cat.6 U/UTP installation cable, 305 m, simplex, Dca-s2,d2,a1

DK-1614-VH-305
EAN 4016032435785



CAT 6 U-UTP installation cable, 250 MHz, AWG 23/1 Dca (LSZH-1), 305 m, Easy Pull Box, SX, 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±50Ω @ 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 Ω/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%

Attributes

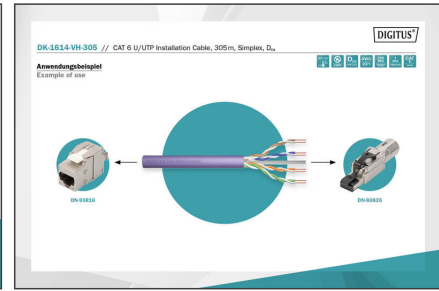
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Dca
- Length: 305 m
- Color: violet
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

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:

Produktdetails / Product Information	Physikalische Spezifikationen / Physical Properties
Produktbeschreibung: Vier-Draht-Netzwerk-Kabel, Fully Shielded, Cat 6 U/UTP, 23 AWG, 1000 MHz, 305 m, Simplex, D _{ca}	Umwelt: ISO 9001, ISO 14001, ISO 45001, CE, RoHS
Technische Eigenschaften: 100 Gbit/s @ 100 MHz, 100 Gbit/s @ 50 MHz, 100 Gbit/s @ 25 MHz, 100 Gbit/s @ 10 MHz	Mechanische Eigenschaften: 100 MHz, 100 MHz, 100 MHz, 100 MHz
Elektrische Eigenschaften: 100 Gbit/s @ 100 MHz, 100 Gbit/s @ 50 MHz, 100 Gbit/s @ 25 MHz, 100 Gbit/s @ 10 MHz	Mechanische Eigenschaften: 100 MHz, 100 MHz, 100 MHz, 100 MHz

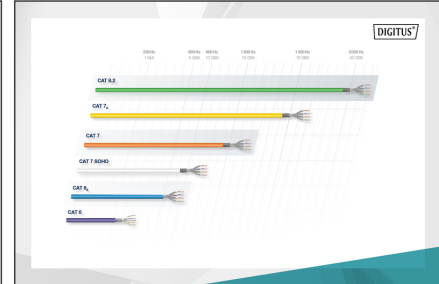
CAT 6 U/UTP Installation Cable, 305 m, Simplex, D_{ca}



Certificate No. 25517a-13-E
Class E

Zertifikat No. 25517a-13-D
Klasse E

GHMT Type Approval



CE-Markierung
CE marking

B2+	Mech High	1+	
C _{ca}	Mech High	3	
D _{ca}	Mech High		
E _{ca}	Covering Low		

Product Code: C_{ca} s1a d1 a1

Leistungsparameter / Performance Parameters

ISO 11801	ANSI/TIA 568	IEC 60603	EN 50323	EN 50521	EN 50721	EN 50722
100	100	100	100	100	100	100
1000	1000	1000	1000	1000	1000	1000
10000	10000	10000	10000	10000	10000	10000
100000	100000	100000	100000	100000	100000	100000

3P

Compliance Statement
Unshielded Class E / Category 6
ISO/IEC, EN & ANSI/TIA
Four Conductor Channel

ANSPEC
Auf dem Schirm 1
D-58523 Lüdenscheid, Germany



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