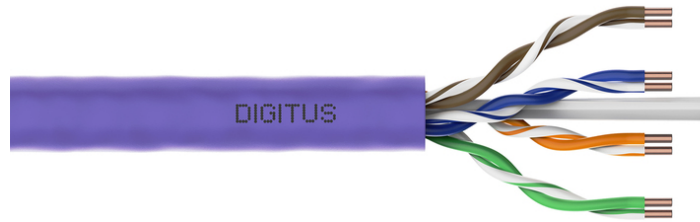


DIGITUS® CAT 6 U/UTP data cable - installation cable, 100 m, simplex, Dca-s2,d2,a1

DK-1614-VH-1

EAN 4016032442134



CAT 6 U-UTP installation cable, 250 MHz Dca (EN 50575), AWG 23/1, 100 m paper box,

The Digitus Cat 6 U/UTP installation cable is designed for use in structured data centers and building cabling in accordance with ISO/IEC 11801, DIN EN 50288-6-1, DIN EN 50173, IEC 60332-1. The cable is ideal for the transmission of analog and digital data and supports POE and POE+.

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

- Physical properties:
- Conductor: Bare copper wire, AWG 23/1
- System(s) for the assessment and verification of constancy of performance: System 3
- Insulation: HD-PE (High Density Polyethylene)
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: None
- Overall shielding: none
- Outer sheath: Eca to B2ca in accordance with EN 50575; LSZH
- Outer sheath thickness nominal): 0.5 mm (Eca); 0.6 mm (Dca); 1.0 mm (Cca); 1.0 mm (B2ca)
- Outer casing color: Violet (RAL 4005)
- Mechanical properties:
- Strain relief: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +60 °C

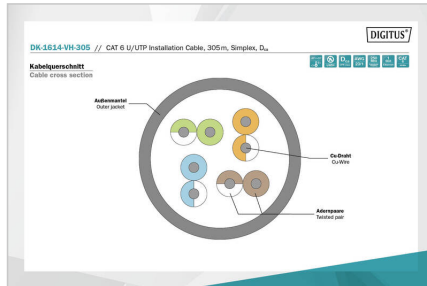
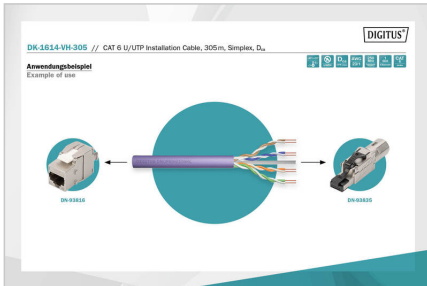
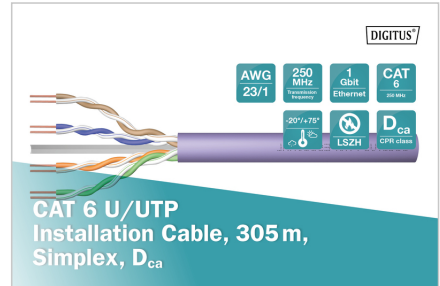
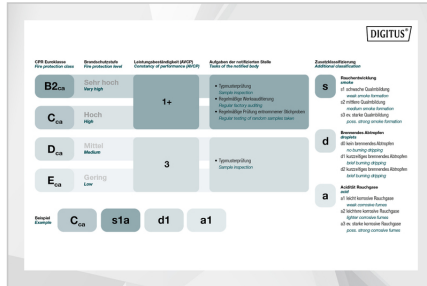
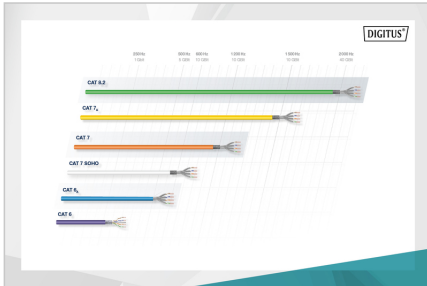
- Operating temperature range: -20 °C to +75 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter simplex (nominal): 6.1 mm (Eca); 6.3 mm (Dca); 6.8 mm (Cca); 6.8 mm (B2ca)
- Weight (kg/km): 41 kg (Eca); 42 kg (Dca); 44 kg (Cca); 44 kg (B2ca)
- Electrical properties:
- Impedance: 100±5Ohm @ 1 - 250MHz
- Capacitance: 40 pF/m nominal @ 800 Hz
- Capacitance unbalance (pair-earth): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- Loop resistance 147 Ohm/km max. (2% max. unbalanced resistance)
- Operating voltage 72 Vdc max.
- Coupling attenuation: CA-Type 3
- Phase delay: 535 nS/100 m max.
- Time delay 20 nS/100 m max.
- Isolation class: "b" according to EN 50174-2
- NVP: 69%

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Dca
- Length: 100 m
- Color: violet
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

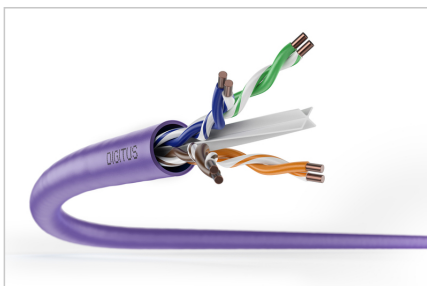
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	4.50	33.00	33.00	12.00	13,068.00
Packaging Unit Inside	1	4.50	0.00	0.00	0.00	0.00
Packaging Unit Single	1	4.50	33.00	33.00	12.00	13,068.00
Net single without Packaging	1	4.21	33.00	33.00	12.00	13,068.00

More images:



Produktbeschreibung Product Information		Physikalische Spezifikationen Physical Properties	
Hersteller/Manufacturer:	Digitus (Digitus Group, Digitus Technology, Digitus Cable, Digitus Patch Panel, Digitus Connector)	Hersteller/Manufacturer:	Digitus (Digitus Group, Digitus Technology, Digitus Cable, Digitus Patch Panel, Digitus Connector)
Modellnummer/Model Number:	DK-1614-VH-305	Teilenummer/Part Number:	DK-1614-VH-305
Material/Material:	AWG 23/1, 250 MHz, 1 Gbit Ethernet, CAT 6, 20° to 75°, Dca CPH class	Material/Material:	AWG 23/1, 250 MHz, 1 Gbit Ethernet, CAT 6, 20° to 75°, Dca CPH class
Abmessungen/Dimensions:	305m (1000ft) x 12.5mm (0.5in) x 12.5mm (0.5in)	Abmessungen/Dimensions:	305m (1000ft) x 12.5mm (0.5in) x 12.5mm (0.5in)
Wichtige Eigenschaften/Key Features:	<ul style="list-style-type: none"> 250 MHz Bandwidth 1 Gbit Ethernet CAT 6 20° to 75° Dca CPH class 	Wichtige Eigenschaften/Key Features:	<ul style="list-style-type: none"> 250 MHz Bandwidth 1 Gbit Ethernet CAT 6 20° to 75° Dca CPH class

Leistungsparameter Transmission Properties									
FRQ	ATT	RETN	PR-RETN	SNR	PL-RETN	PL	SL-RETN	PR-RETN	PL-RETN
10	1.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
20	1.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
30	1.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
40	1.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
50	1.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
60	1.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
70	1.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
80	1.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
90	1.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
100	1.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0



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.

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