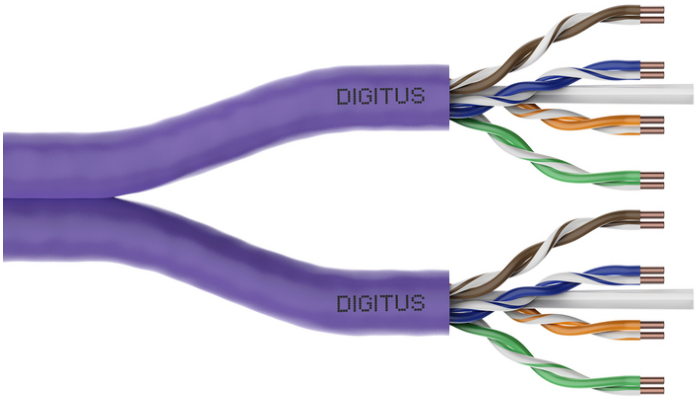
DIGITUS® CAT 6 U/UTP data cable - installation cable, 500 m, duplex, Dca-s2,d2,a1

DK-1614-VH-D-5

EAN 4016032494560



CAT 6 U-UTP installation cable, 250 MHz Dca (EN 50575), AWG 23/1, 500m drum, Dx, purple

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: 500 m
- Color: violet
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics

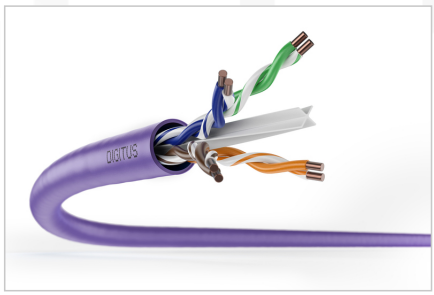
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	42.00	53.00	23.00	33.00	40,227.00
Packaging Unit Inside	1	42.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	42.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

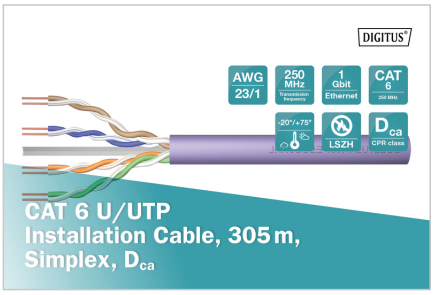
Druckfehler, Irrtümer und technische Änderungen sind vorbehalten. | Printing errors, falsities and technical changes remain reserved.

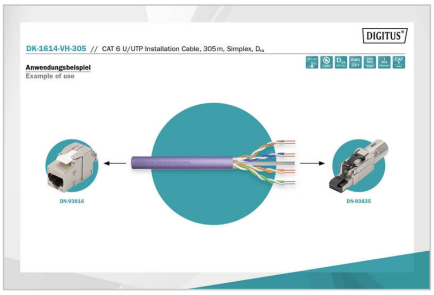
More images:

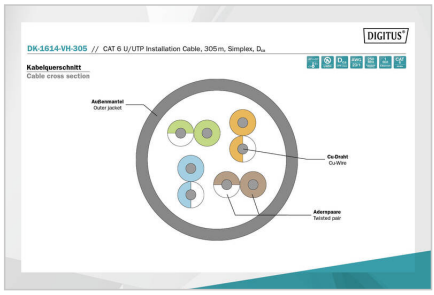


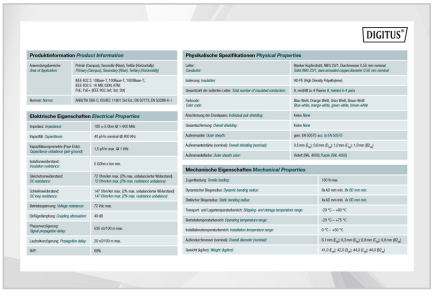


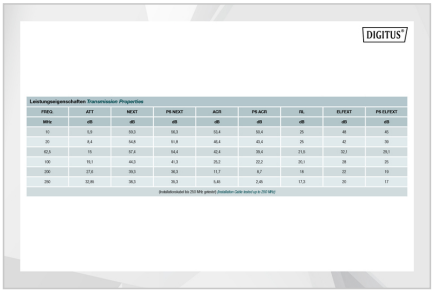

DIGITUS


DIGITUS
AWG 23/1
250 MHz
1 Gbit Ethernet
CAT 6
-20°/+75°
LSZH
Dca
CPR class
CAT 6 U/UTP
Installation Cable, 305 m,
Simplex, Dca


DIGITUS
DK-1614-VH-305 // CAT 6 U/UTP Installation Cable, 305 m, Simplex, Dca
Anwendungsbeispiel
Example of use


DIGITUS
DK-1614-VH-305 // CAT 6 U/UTP Installation Cable, 305 m, Simplex, Dca
Kabelquerschnitt
Cable cross section
Außenmantel
Outer jacket
Cu-Draht
Cu-Wire
Adernpaare
Twisted pair

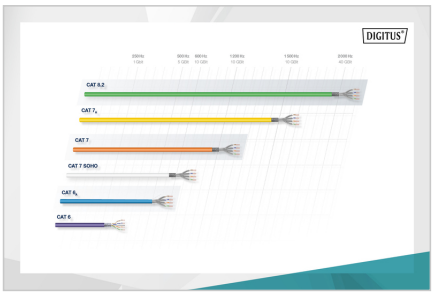

DIGITUS
Produktinformation Product Information
Elektrische Eigenschaften Electrical Properties
Physikalische Spezifikationen Physical Properties
Mechanische Eigenschaften Mechanical Properties

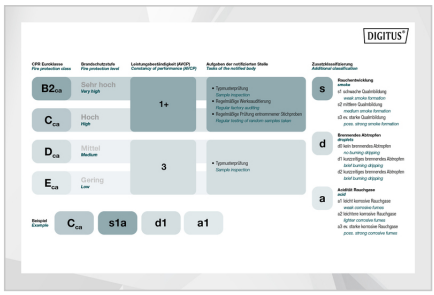

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Leistungseigenschaften Transmission Properties

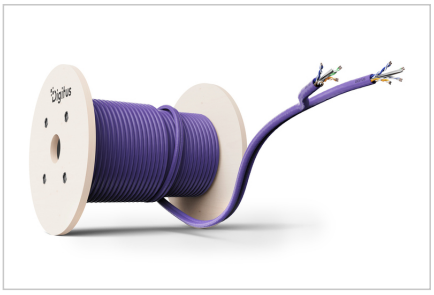

3P
THIRD PARTY TESTING
Compliance Statement
Unscreened Class E / Category 6
ISO/IEC, EN & ANSI/TIA
Four Connector Channel
Assmann Electronic GmbH
Auf dem Schiffrel 3,
D-58513 Lüdenscheid, Germany


intertek
Intertek
ETL Verified Certificate of Conformance Number: 10437581HCRT-091


GHMT
Certificate
No. 25547a-19-E
Class E
2 Connector Channel, Copper, Class E
GHMT Type Approval
GHMT
Zertifikat
Nr. 25547a-19-D
Klasse E
2 Connector Channel, Kupfer, Klasse E
GHMT Type Approval


DIGITUS
CAT 8.2
CAT 7A
CAT 7
CAT 7 SOHO
CAT 6A
CAT 6


DIGITUS
CPR Euroklasse
Fire protection class
Brandschutzstufe
Fire protection level
Leistungserklärungsbeständigkeit (AVCP)
Consisting of performance (AVCP)
Aufgaben der notifizierten Stelle
Tasks of the notified body
Zusatzklassifizierung
Additional classification
B2ca
Sehr hoch
Very high
Cca
Hoch
High
Dca
Mittel
Medium
Eca
Gering
Low
1+
3
Beispiel
Example
Cca
s1a
d1
a1


Digitus