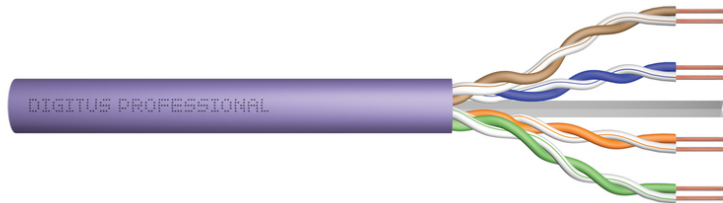


DIGITUS CAT 6 U/UTP installation cable, 500 m, Dca

DK-1614-VH-5
EAN 4016032442141



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

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+.

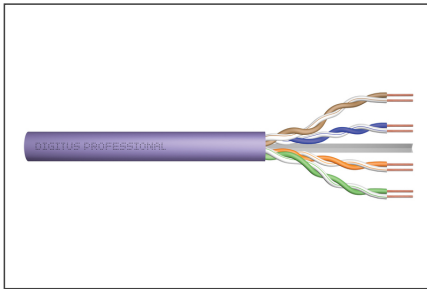
Future-oriented standards and high-end quality for your network.

- 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“ acc. to EN 50174-2
- NVP: 69%
- 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) | cm ³ |
| Packaging Unit Carton | 1 | 26.00 | 36.00 | 36.00 | 30.00 | 38,880.00 |
| Packaging Unit Inside | 1 | 26.00 | 36.00 | 36.00 | 30.00 | 38,880.00 |
| Packaging Unit Single | 1 | 26.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Net single without Packaging | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

More images:



Leistungsdatenblatt Transmissions-Parameter

| ITEM | UNIT | MEET | PER MEET | ACH | PER ACH | PL | PER PL | PER PL/ST |
|------|------|------|----------|-----|---------|----|--------|-----------|
| MMV | dB | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| SI | dB | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| SL | dB | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| SLV | dB | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| SIU | dB | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| SIU | dB | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| SIU | dB | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| SIU | dB | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

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3 PARTY CERTIFIED

Compliance Statement
Unencased Class E / Category 6
Four-Connector Channel

intertek ETL Verified Certificate of Conformance Number: 14479383CST-001

Antonius Electronic GmbH
D-85231 Ländersheim, Germany

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018

intertek.com

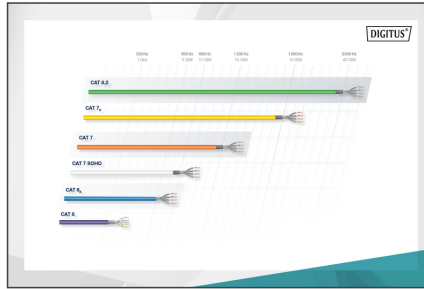
Certificate
No. 25747x-19-D

Zertifikat
Nr. 25747x-19-D

Class E Klasse E

GHMT Type Approval

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3 Party Certified

Compliance Statement

intertek ETL Verified Certificate of Conformance Number: 14479383CST-001

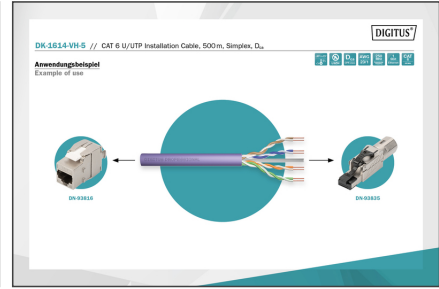
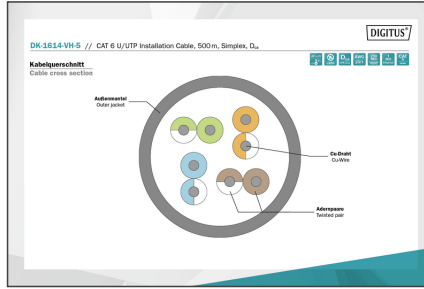
Antonius Electronic GmbH
D-85231 Ländersheim, Germany

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018

intertek.com

Technische Eigenschaften / Technical Properties

| Physikalische Spezifikationen / Physical Properties | Mechanische Eigenschaften / Mechanical Properties |
|---|--|
| Leitungsdaten / Wire Data: Leitungstyp: UTP Leitungsdurchmesser: 5,0 mm Leitungsfaser: 4 x 25 µm Leitungsfaserart: OM3 | Leistungskurve / Performance Curve: Leistung: 20 dB Leistungskurve: 20 dB Leistungskurve: 20 dB Leistungskurve: 20 dB |
| Leitungsdaten / Wire Data: Leitungstyp: UTP Leitungsdurchmesser: 5,0 mm Leitungsfaser: 4 x 25 µm Leitungsfaserart: OM3 | Leistungskurve / Performance Curve: Leistung: 20 dB Leistungskurve: 20 dB Leistungskurve: 20 dB Leistungskurve: 20 dB |



CAT 6 U/UTP Installation Cable, 500 m, Simplex, D_{ca}

AWG 23/1

250 MHz

1 Gbit Ethernet

CAT 6

D_{ca} CPR class

LSZH

