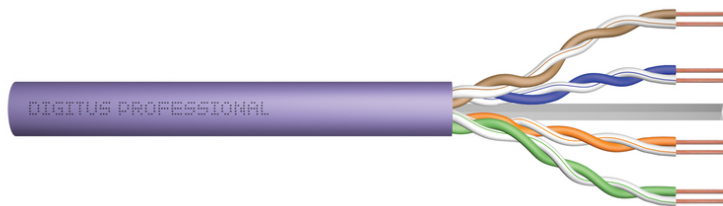


DIGITUS Cat.6 U/UTP installation cable, 305 m, simplex, Dca-s2,d2,a1

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

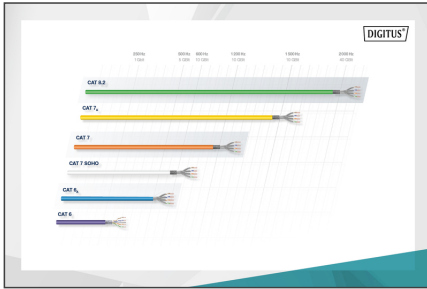
- Operating temperature range: -20 °C up to +75 °C
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 6,1 mm (Eca); 6,3 mm (Dca); 6,8 mm (Cca); 6,8 mm (B2ca)
- Weight (kg/km): 41 kg (Eca); 42 kg (Dca); 44 kg (Cca); 44 kg (B2ca)
- Electrical properties:
- Impedance: 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) | 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:



| CEP-Bewertung | Brandenklasse | Lebensdauerklasse (L20) | Ausgabe der verifizierten Werte | Zertifizierung |
|---------------|---------------|-------------------------|--|----------------|
| B2ca | Sehr hoch | 1+ | • Typenprüfung • Typenprüfung • Typenprüfung • Typenprüfung | S |
| C2ca | Hoch | | | d |
| D2ca | Mittel | 3 | • Typenprüfung | a |
| E2ca | Gering | | | |
| Brandklasse | C2ca | s1a | d1 | a1 |



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
Unclassified Class E / Category 6
IEC 61881-1 & ANSI/TIA
Four Connector Channel

Asmann Electronic GmbH
D-98533 Lohmenstedt, Germany

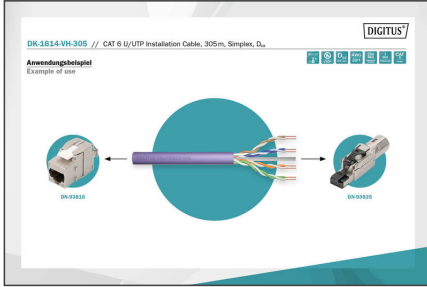
intertek

ETL Verified Certificate of Conformance Number: 1607581-0021

Approved for use in Class E / Category 6
Four Connector Channel

| Leitungsparameter 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 |
| 1.0 | 1.3 | 1.6 | 2.0 | 2.5 | 3.2 | 4.0 | 5.0 | 6.3 | 8.0 |
| 1.3 | 1.6 | 2.0 | 2.5 | 3.2 | 4.0 | 5.0 | 6.3 | 8.0 | 10.0 |
| 1.6 | 2.0 | 2.5 | 3.2 | 4.0 | 5.0 | 6.3 | 8.0 | 10.0 | 12.5 |
| 2.0 | 2.5 | 3.2 | 4.0 | 5.0 | 6.3 | 8.0 | 10.0 | 12.5 | 16.0 |
| 2.5 | 3.2 | 4.0 | 5.0 | 6.3 | 8.0 | 10.0 | 12.5 | 16.0 | 20.0 |
| 3.2 | 4.0 | 5.0 | 6.3 | 8.0 | 10.0 | 12.5 | 16.0 | 20.0 | 25.0 |
| 4.0 | 5.0 | 6.3 | 8.0 | 10.0 | 12.5 | 16.0 | 20.0 | 25.0 | 32.0 |

| Produktinformation Product Information | | Physikalische Eigenschaften Physical Properties | |
|--|--|---|---|
| Produktname | DK-1614-VH-305 // CAT 6 U/UTP Installation Cable, 305m, Simplex, D _{ca} | Leitungsstruktur | 4x 25 AWG UTP (25x0.12mm) / 4x 25 AWG UTP (25x0.12mm) |
| Produktcode | DK-1614-VH-305 | Leitungsstruktur | 4x 25 AWG UTP (25x0.12mm) / 4x 25 AWG UTP (25x0.12mm) |
| Produktbeschreibung | 4x 25 AWG UTP (25x0.12mm) / 4x 25 AWG UTP (25x0.12mm) | Leitungsstruktur | 4x 25 AWG UTP (25x0.12mm) / 4x 25 AWG UTP (25x0.12mm) |
| Produktbeschreibung | 4x 25 AWG UTP (25x0.12mm) / 4x 25 AWG UTP (25x0.12mm) | Leitungsstruktur | 4x 25 AWG UTP (25x0.12mm) / 4x 25 AWG UTP (25x0.12mm) |



AWG
23/1

250
MHz

1
Gbit Ethernet

CAT 6
100 ans

305m
305m

LSZH

Dca
CPR class

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

