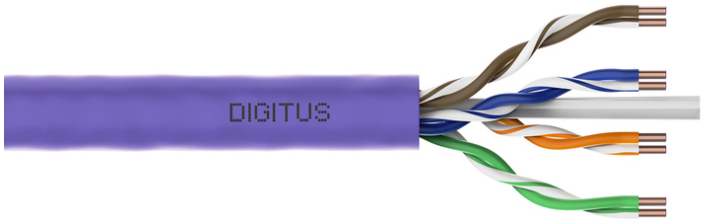
DIGITUS® CAT 6 U/UTP installation cable, 305 m, simplex, Eca

DK-1613-VH-305

EAN 4016032324553



CAT 6 U-UTP installation cable, 250 MHz Eca (EN 50575), AWG 23/1, 305 m paper box, 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 copper wire, AWG 23/1
- 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%

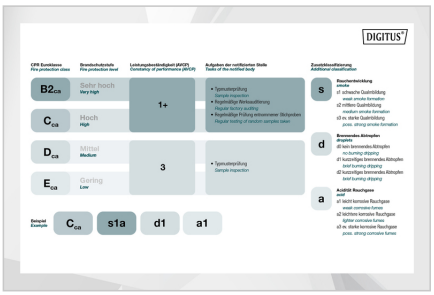
Attributes

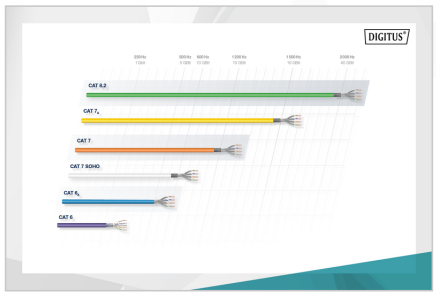
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Eca
- Length: 305 m
- Color: violet
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics

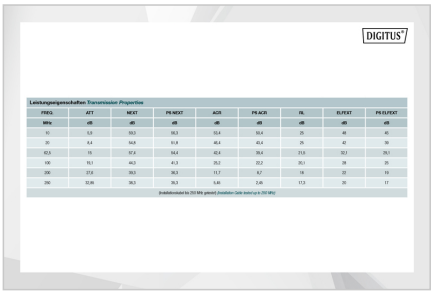
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	12.30	45.00	44.50	25.00	50,062.50
Packaging Unit Inside	1	12.30	45.00	44.50	25.00	50,062.50
Packaging Unit Single	1	12.30	45.00	44.50	25.00	50,062.50
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

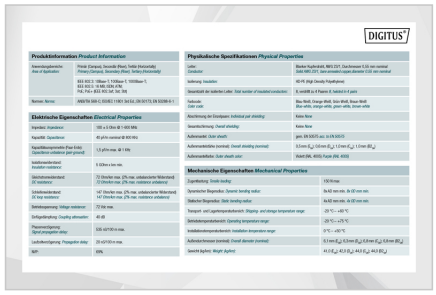
More images:

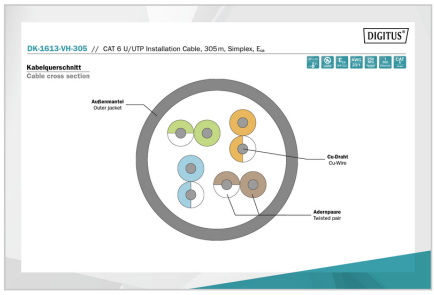

DIGITUS
CPR Euroklasse
Fire protection class
Brandschutzstufe
Fire protection level
Leistungsbeständigkeit (AVCP)
Constancy of performance (AVCP)
Aufgaben der notifizierten Stelle
Tasks of the notified body
Zusatzklassifizierung
Additional classification
B2ca
Sehr hoch
Very high
Cca
Hoch
High
Dca
Mittel
Medium
Eca
Gering
Low
1+
3
Sample inspection
Regular factory auditing
Regelmäßige Werksauditierung
Regular testing of random samples taken
Regelmäßige Prüfung entnommener Stichproben
Regular testing of random samples taken
Sample inspection
s
Rauchentwicklung
smoke
s1 schwache Qualmbildung
weak smoke formation
s2 mittlere Qualmbildung
medium smoke formation
s3 m. starke Qualmbildung
poss. strong smoke formation
d
Brennendes Abtropfen
droplets
d0 kein brennendes Abtropfen
no dripping
d1 kurzzeitiges brennendes Abtropfen
brief burning dripping
d2 langzeitiges brennendes Abtropfen
lasting burning dripping
a
Azidität Rauchgase
acid
a1 leicht korrosive Rauchgase
weak corrosive fumes
a2 leichtes korrosive Rauchgase
lighter corrosive fumes
a3 m. starke korrosive Rauchgase
poss. strong corrosive fumes
Beispiel
Example
Cca
s1a
d1
a1

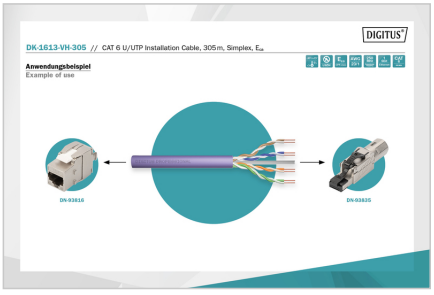

DIGITUS
CAT 8.2
CAT 7A
CAT 7
CAT 7 SCHO.
CAT 6A
CAT 6

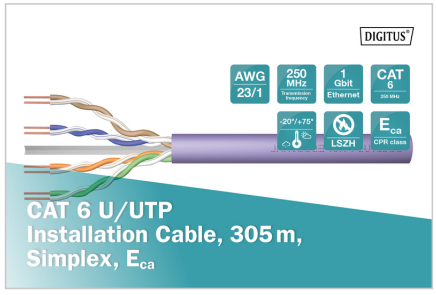

GHMT
Certificate
Class E
2 Connector Channel, Copper, Class E
GHMT Type Approval
GHMT
Zertifikat
Klasse E
2 Connector Channel, Kupfer, Klasse E
GHMT Type Approval

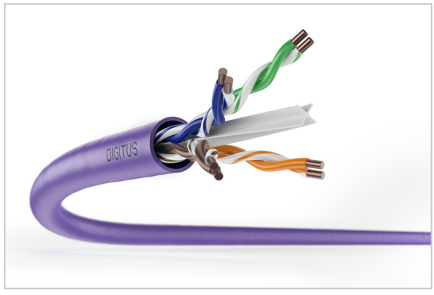

DIGITUS
Leistungseigenschaften Transmission Properties


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


DIGITUS
DK-1613-VH-305 // CAT 6 U/UTP Installation Cable, 305 m, Simplex, Eca
Kabelquerschnitt
Cable cross section
Außenmantel
Outer jacket
Cu-Draht
Cu-Wire
Adernpaare
Twisted pair


DIGITUS
DK-1613-VH-305 // CAT 6 U/UTP Installation Cable, 305 m, Simplex, Eca
Anwendungsbeispiel
Example of use
DN-93816
DN-93835


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


DIGITUS



