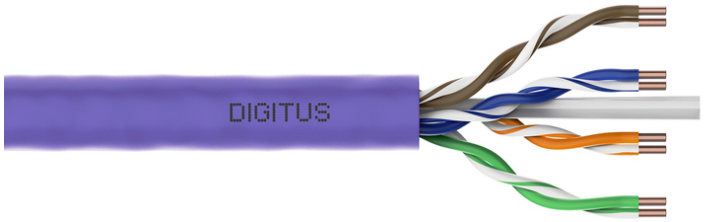
DIGITUS® CAT 6 U/UTP installation cable, 500 m, Cca

DK-1615-VH-5

EAN 4016032442257



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

The Digitus® Professional Cat.6 U/UTP installation cable is characterized by the following cable construction 4x2x AWG23/1 and reaches a transmission frequency up to 250 MHz. The halogen free cable jacket is conform to the standard IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class Cca. The cable is suitable for building structured cabling in the secondary and tertiary area. Compliant with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-6-1.

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

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- 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" gem. EN 50174-2
- NVP: 69%

Attributes

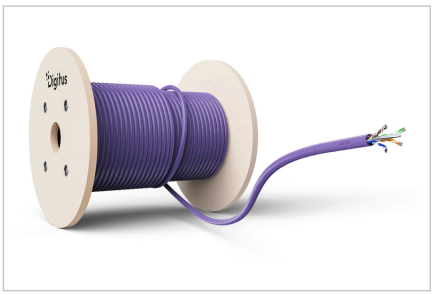
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Cca
- Length: 500 m
- Color: violet
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

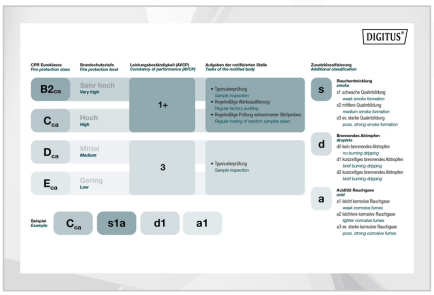
Logistics

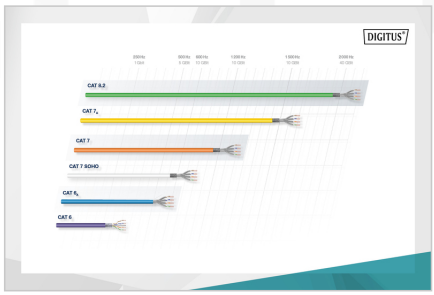
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	24.00	39.50	38.00	27.50	41,277.50
Packaging Unit Inside	1	24.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	24.00	37.00	37.00	31.00	42,439.00
Net single without Packaging	0	23.00	36.00	36.00	27.00	34,992.00

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

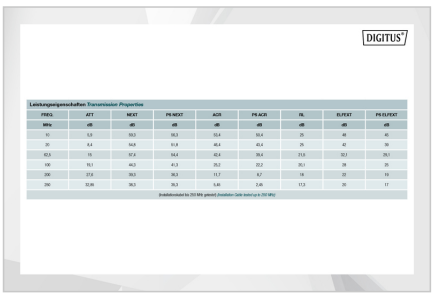
More images:

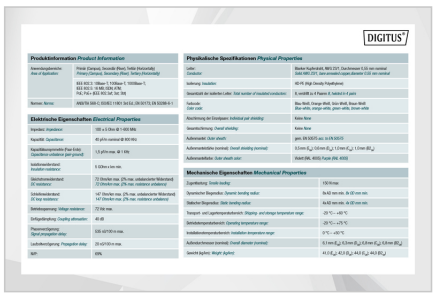


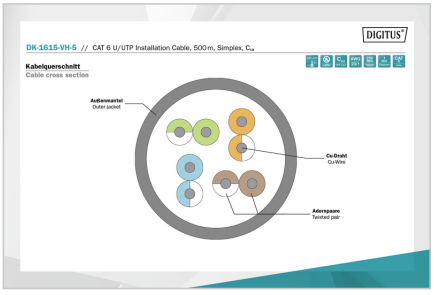

DIGITUS
CPR Euroklasse
Fire protection class
Brandverhaltensstufe
Fire protection level
Leistungsbeständigkeit (AVCP)
Constancy of performance (AVCP)
Aufgaben der notifizierten Stelle
Tasks of the notified body
Zusatzklassifizierung
Additional classification
B2ca
Sehr hoch
Very high
Cca
Hoch
High
Dca
Mittel
Medium
Eca
Gering
Low
1+
3
• Typenüberprüfung
Sample inspection
• Regelmäßige Werksüberwachung
Regular factory auditing
• Regelmäßige Prüfung entsorgenswerter Stichproben
Regular testing of random samples taken
• Typenüberprüfung
Sample inspection
s
d
a
Beispiel
Example
Cca
s1a
d1
a1

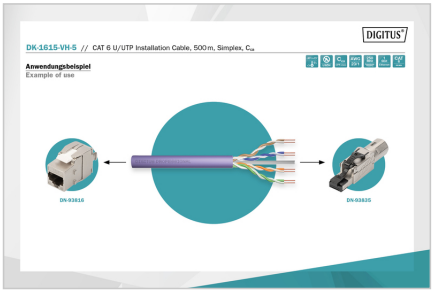

DIGITUS
CAT 8.2
CAT 7A
CAT 7
CAT 7 SOHO
CAT 6A
CAT 6

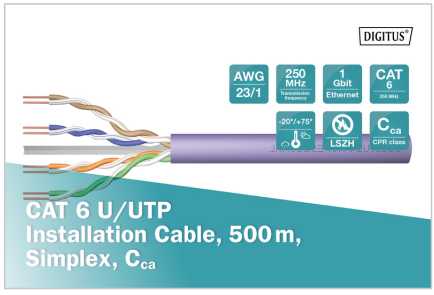

GHMT
Certificate
No. 2554?a-19-E
Class E
2 Connector Channel, Copper, Class E
GHMT Type Approval
GHMT
Zertifikat
Nr. 2554?a-19-D
Klasse E
2 Connector Channel, Kupfer, Klasse E
GHMT Type Approval

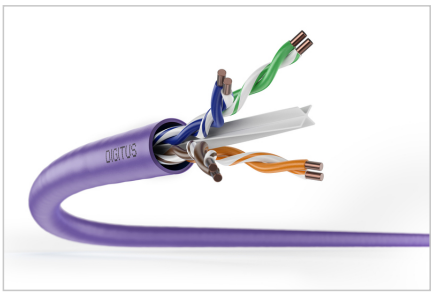

DIGITUS
Leistungseigenschaften Transmission Properties
FREQ.
ATT
NEXT
PS NEXT
ACR
PS ACR
RL
ELFEXT
PS ELFEXT


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


DIGITUS
DK-1615-VH-5 // CAT 6 U/UTP Installation Cable, 500 m, Simplex, Cca
Kabelquerschnitt
Cable cross section
Außenmantel
Outer jacket
Cu-Draht
Cu-Wire
Adernpaare
Twisted pair


DIGITUS
DK-1615-VH-5 // CAT 6 U/UTP Installation Cable, 500 m, Simplex, Cca
Anwendungsbeispiel
Example of use
DN-93816
DN-93826


DIGITUS
AWG
23/1
250
MHz
Transmission frequency
1
Gbit
Ethernet
CAT
6
250 MHz
-20°/+75°
LSZH
Cca
CPR class
CAT 6 U/UTP
Installation Cable, 500 m,
Simplex, Cca


DIGITUS



