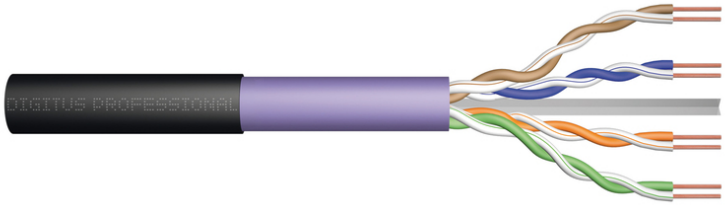
DIGITUS Cat.6 U/UTP burial installation cable, 500 m, simplex, PE

DK-1613-VH-5-OD
EAN 4016032446163



CAT 6 U-UTP outdoor installation cable, 250 MHz inner Eca (LSZH-1), AWG 23/1, 500m drum, sx, bl/pu

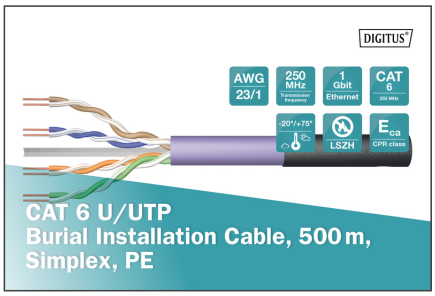
DIGITUS Category 6 U-UTP installation cables are manufactured and tested to the ISO/IEC 11801, DIN EN 50173 and DIN EN 50288-5-1 Category 6 specifications. Every cord consists of 8 color coded AWG 23 polyethylene insulated conductors. The conductors are twisted together to form 4 pairs with varying lay lenghts. Printing details along the outer sheath includes the brand name, item code and cable length 0-305 meter. The cable is packed in a paper pullout box which makes the installation easy.

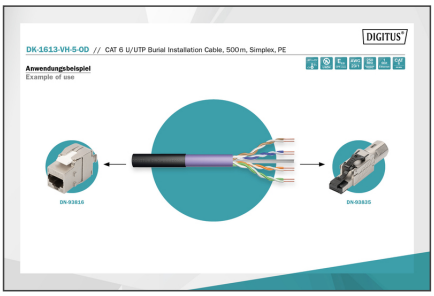
Future-oriented standards and high-end quality for your network.

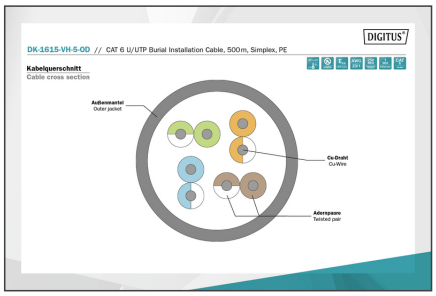
- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- Insulation: HD-PE (High Density Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shielding: None
- Overall shielding: None
- Outer sheath: Eca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0,5 mm (Eca)
- Outer sheath color: Purple (Eca jacket), black (PE jacket)
- 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 (nominal): 6,8 mm (Eca)
- Weight: (kg/hm): 48 kg (Eca)
- Impedance: 100 ± 5 Ohm @ 1-250 MHz
- Capacitance: 40 pF/m nominal @ 800 MHz
- Capacitance unbalance (pair-ground): 1,5 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 72 Ohm/km max. (2% max. resistance unbalance)
- 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: Eca
- CPR: Eca
- Length: 500 m
- Color: violet
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

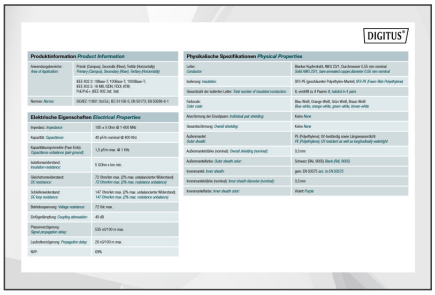
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	30.90	50.00	50.00	24.00	60,000.00
Packaging Unit Inside	1	30.90	50.00	50.00	24.00	60,000.00
Packaging Unit Single	1	30.90	50.00	50.00	24.00	60,000.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

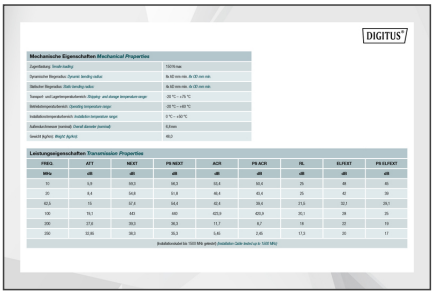
More images:


DIGITUS
AWG 23/1
250 MHz
1 Gbit Ethernet
CAT 6
-20°/+75°
LSZH
Eca
CAT 6 U/UTP
Burial Installation Cable, 500 m, Simplex, PE

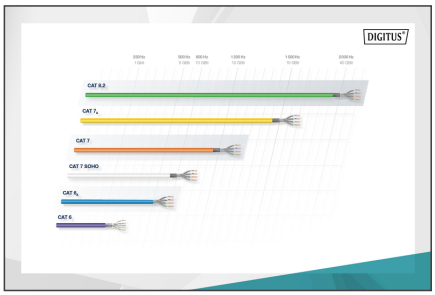

DIGITUS
DK-1613-VH-5-OD // CAT 6 U/UTP Burial Installation Cable, 500 m, Simplex, PE
Anwendungsbeispiel
Example of use
DN-93816
DN-93825

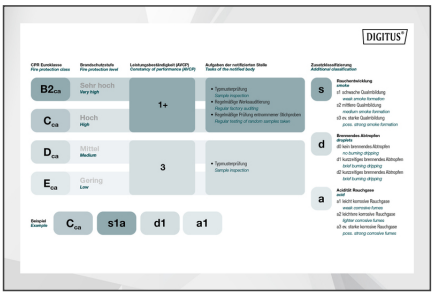

DIGITUS
DK-1615-VH-5-OD // CAT 6 U/UTP Burial Installation Cable, 500 m, Simplex, PE
Kabelquerschnitt
Cable cross section
Außenmantel
Outer jacket
Cu-Draht
Cu-Wire
Adernpaare
Twisted pair


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


DIGITUS
Mechanische Eigenschaften Mechanical Properties
Leistungseigenschaften Transmission Properties

Compliance Statement
No. 2020-539
intertek
Intertek


DIGITUS
CAT 6,2
CAT 7A
CAT 7
CAT 7 SCHO
CAT 6A
CAT 6


DIGITUS
CPR Eurklasse
Brandverhaltensklasse
Leistungsbeständigkeit (AVCP)
Aufgaben der notifizierten Stelle
Zusatzklassifizierung
B2ca
Sehr hoch
Very high
Cca
Hoch
High
Dca
Mittel
Medium
Eca
Gering
Low
1+
3
Typenüberprüfung
Sample inspection
s
d
a
Beispiel Example
Cca
s1a
d1
a1

DIGITUS Professional
Professional Networking
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