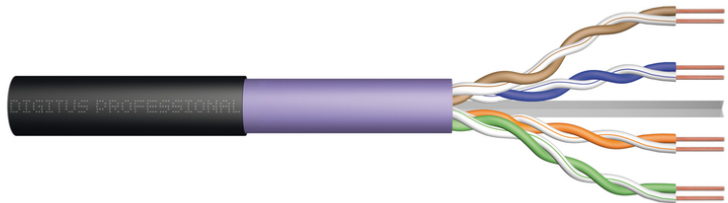


DIGITUS Cat.6 U/UTP burial installation cable, 500 m, simplex, PE

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 lengths. 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
- 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	30.90	50.00	50.00	24.00	60.00
Packaging Unit Inside	1	30.90	50.00	50.00	24.00	60.00
Packaging Unit Single	1	30.90	50.00	50.00	24.00	60.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:

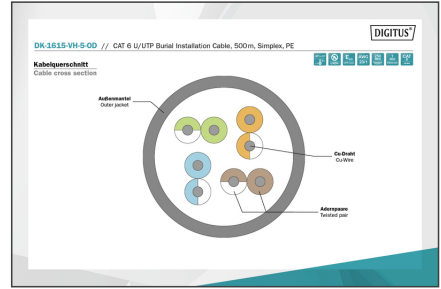
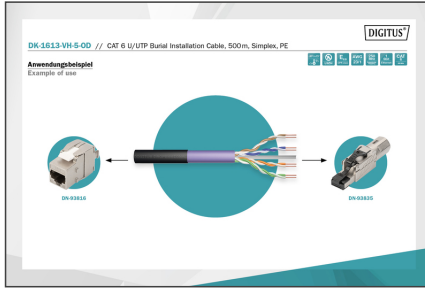


DIGITUS

AWG 23/1
250 MHz
1 Gbit Ethernet
CAT 6
Ech class

20°/175°
LSZH
Ech class

CAT 6 U/UTP Burial Installation Cable, 500m, Simplex, PE



DIGITUS

Produktinformationen Product Information	Physikalische Spezifikationen Physical Properties
<p>Hersteller Digitec Group, Dresden, DE, Trade Mark/Registered Hersteller-Teilenummer DK-1613-VH-5-0D SKU DK-1613-VH-5-0D / 500m / 1605891 / 00000001 SKU DK-1613-VH-5-0D / 500m / 1605891 / 00000001</p> <p>Name Simplex CAT 6 U/UTP Burial Installation Cable, 500m, Simplex, PE</p>	<p>Line Simplex Standard EN 50173-1, EN 50173-2 Bauweise U/UTP Utwicklung 4T Struktur 4T, 23 AWG, 100 Ohm Bauweise Simplex Struktur 4T, 23 AWG, 100 Ohm Struktur 4T, 23 AWG, 100 Ohm</p>
Elektrische Eigenschaften Electrical Properties	Mechanische Eigenschaften Mechanical Properties
<p>Erweiterbare Geschwindigkeit 10 Gbps Erweiterbare Distanz 100m Erweiterbare Frequenz 250 MHz Erweiterbare Temperaturbereich -30°C bis +75°C Erweiterbare Temperaturerhöhung 100°C</p>	<p>Zurückbauzeit 2000 min. Druckfestigkeit 3000 N/cm² Druckfestigkeit 3000 N/cm² Druckfestigkeit 3000 N/cm² Druckfestigkeit 3000 N/cm² Druckfestigkeit 3000 N/cm²</p>

DIGITUS

DK-1613-VH-5-0D // CAT 6 U/UTP Burial Installation Cable, 500m, Simplex, PE

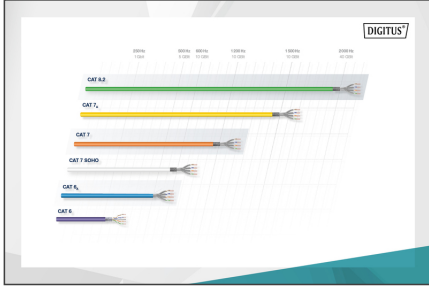
Elektrische Eigenschaften Electrical Properties

Parameter	Unit	Value
Pair capacitance	pF/100m	100
Pair inductance	nH/100m	100
Pair resistance	Ω/100m	100
Pair delay	ns/100m	100
Pair attenuation	dB/100m	100
Pair delay skew	ps/100m	100
Pair delay skew	ps/100m	100

Compliance Statement No. 5009-100

Intertek
EUTN

CE



DIGITUS

DK-1613-VH-5-0D // CAT 6 U/UTP Burial Installation Cable, 500m, Simplex, PE

Leistungseigenschaften Transmission Properties

Frequency	Att.	MAE	PS MAE	ACR	PLACR	RL	BLRSL	PS BLRSL
1	1.5	10.0	10.0	10.0	10.0	20	20	20
10	1.5	10.0	10.0	10.0	10.0	20	20	20
100	1.5	10.0	10.0	10.0	10.0	20	20	20
1000	1.5	10.0	10.0	10.0	10.0	20	20	20
10000	1.5	10.0	10.0	10.0	10.0	20	20	20

