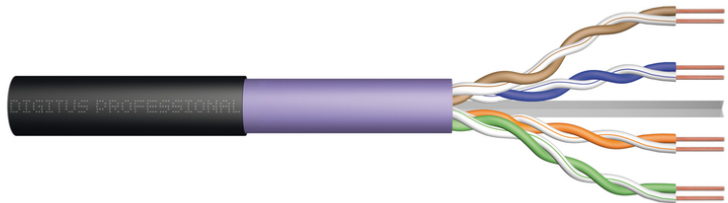


DIGITUS Cat.6 U/UTP burial installation cable, 500 m, simplex, PE

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
- 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	60,000.00
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:

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AWG 23/1
250 MHz
1 Gbit Ethernet
CAT 6
- see spec

20°/175°
LSZH
E_{CB}
CFR class

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

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DK-1613-VH-S-OD // CAT 6 U/UTP Burial Installation Cable, 500m, Simplex, PE

Anwendungsbeispiel
Example of use

DK-83216 DK-83225

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DK-1613-VH-S-OD // CAT 6 U/UTP Burial Installation Cable, 500m, Simplex, PE

Kabelquerschnitt
Cable cross section

Outer jacket
Outer jacket
Twisted pair

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Produktinformation Product Information

Physikalische Spezifikationen Physical Properties

Elektrische Eigenschaften Electrical Properties

Hersteller	Digitus (China, Shenzhen, Guangdong, People's Republic of China)	Umwelt	RoHS (REACH, WEEE, SVHC) Compliant (2011) and RoHS (2002) Compliant (2002)
Produktname	DK-1613-VH-S-OD // CAT 6 U/UTP Burial Installation Cable, 500m, Simplex, PE	Verpackungseinheit	500m (311 ft) Spool (Standard) / 100m (328 ft) Spool (Optional)
Material	LSZH (Low Smoke Zero Halogen) Plastic	Temperaturbereich	-40°C to +75°C (-40°F to +165°F)
Lebensdauer	100 years	Temperaturbelastbarkeit	1000h @ 75°C (165°F)
Lebensdauer	100 years	Temperaturbelastbarkeit	1000h @ 75°C (165°F)

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Mechanische Eigenschaften Mechanical Properties

Leitungsgruppencharakteristika Transmission Properties

Pair	AT	MT	RT	ST	BT	BT	BT	BT
1-2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3-4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5-6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
7-8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Compliance Statement

RoHS
REACH
WEEE
SVHC

intertek

ETL
UL

RoHS
REACH
WEEE
SVHC

DIGITUS

CAT 8S
CAT 7
CAT 7 S/SHIELD
CAT 6

DIGITUS

CFR Evaluation

RoHS
REACH
WEEE
SVHC

Leitungsgruppencharakteristika (CFR)
Linearity of performance (CFR)

Adaptation der Leitungsgruppe
Linearity of performance (CFR)

RoHS
REACH
WEEE
SVHC

CFR
RoHS
REACH
WEEE
SVHC

DIGITUS Professional

DIGITUS Professional