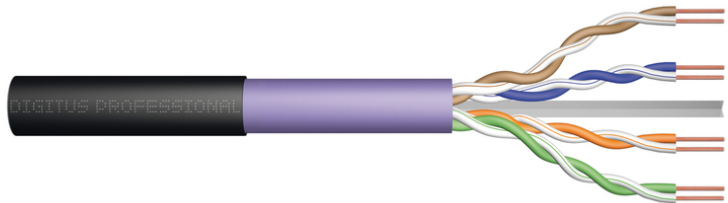


DIGITUS Cat.6 U/UTP burial installation cable, 500 m, simplex, PE

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%

Attributes

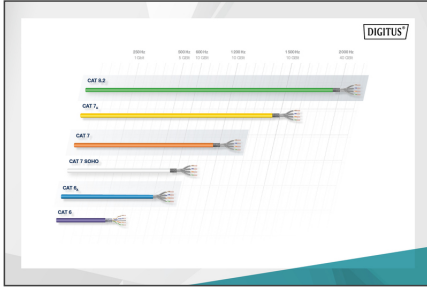
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Eca
- Length: 500 m
- Color: violet
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

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	60,000.00
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:



CRP-Bewertung The classification	Benennungskategorie Product name	Leistungskategorie (MHz) Category / Performance class	Anforderungen an verifizierte Bauteile Requirements for certified parts	Zertifizierung Certification
B2ca	Sehr hoch Very high	1+	<ul style="list-style-type: none"> • Zertifizierung • Typischerweise • Hohelektrische Verluste • Hohelektrische Verluste • Hohelektrische Verluste 	S Anforderung of electrical shielding and other measures to prevent crosstalk and other interference effects, along with other measures
C2a	Hoch High			d Anforderung of electrical shielding and other measures to prevent crosstalk and other interference effects, along with other measures
D2a	Mittel Medium	3	<ul style="list-style-type: none"> • Typischerweise • Geringe Verluste 	a Anforderung of electrical shielding and other measures to prevent crosstalk and other interference effects, along with other measures
E2a	Gering Low			
Beispiel Example	C2a	s1a	d1	a1



Compliance Statement

RoHS- und REACH-Konformität

Hersteller: ASSMANN ELECTRONIC GMBH

Produktname: CAT 6 U/UTP Burial Installation Cable

CE-Konformität

intertek

IEC Verified Certificate of Conformance Number: 00000000000000000000

Hersteller: ASSMANN ELECTRONIC GMBH

Produktname: CAT 6 U/UTP Burial Installation Cable

CE-Konformität

Mechanische Eigenschaften/Mechanical Properties

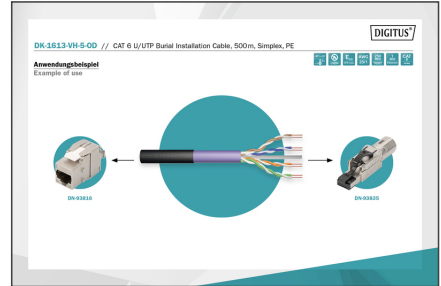
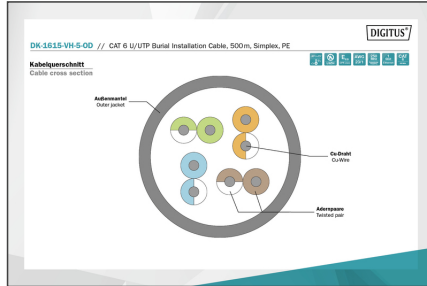
Leitungsbauweise	10/100m
Operation Temperature	0°C to +70°C
Storage Temperature	-40°C to +125°C
Relative Humidity	10% to 90% RH
Temperature range	-40°C to +125°C
Temperature range (dry)	-40°C to +125°C
Temperature range (wet)	-40°C to +125°C
Temperature range (dry)	-40°C to +125°C
Temperature range (wet)	-40°C to +125°C

Leistungseigenschaften/Transmission Properties

FREQ.	ATT.	NEXT	PSNEXT	ACR	PSACR	IL	ELEXT.	PSREXT
10	1.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
100	1.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1000	1.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
10000	1.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Produktkennlinien/Produkt Informationen

Produktkennlinie	Produkt Information	Physikalische Spezifikationen/Physical Properties
Produktname	CAT 6 U/UTP Burial Installation Cable	Leitungsbauweise
Hersteller	ASSMANN ELECTRONIC GMBH	Operation Temperature
Produkttyp	CAT 6 U/UTP Burial Installation Cable	Storage Temperature
Material	Simplex, PE	Relative Humidity
Leistung	1 Gbit Ethernet	Temperature range
Leistung	1 Gbit Ethernet	Temperature range (dry)
Leistung	1 Gbit Ethernet	Temperature range (wet)
Leistung	1 Gbit Ethernet	Temperature range (dry)
Leistung	1 Gbit Ethernet	Temperature range (wet)



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

- AWG 23/1
- 250 MHz
- 1 Gbit Ethernet
- CAT 6 (100 MHz)
- LSZH
- E_{cat} CPR class

Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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 Lüdenscheid, Germany
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