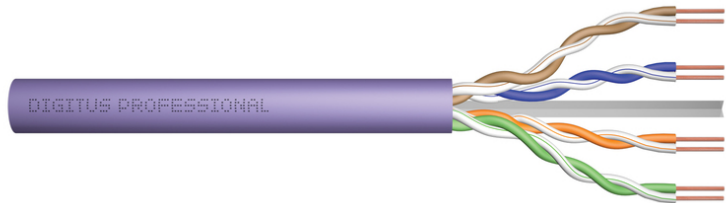


DIGITUS CAT 6 U/UTP installation cable, 500 m, Dca

DK-1614-VH-5
EAN 4016032442141



CAT 6 U-UTP installation cable, 250 MHz Dca (EN 50575), AWG 23/1, 500m drum, sx, purple

The Digitus Cat 6 U/UTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-6-1, DIN EN 50173, IEC 60332-1. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE and POE+.

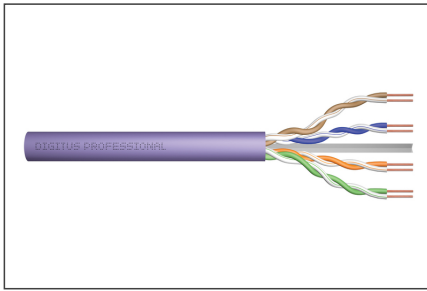
Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- System/s of AVCP: AVCP 3
- 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“ acc. to EN 50174-2
- NVP: 69%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Dca
- 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	26.00	36.00	36.00	30.00	38,880.00
Packaging Unit Inside	1	26.00	36.00	36.00	30.00	38,880.00
Packaging Unit Single	1	26.00	36.00	36.00	30.00	38,880.00
Net single without Packaging	1	25.84	36.00	36.00	30.00	38,880.00

More images:



CAT 6 U/UTP Installation Cable, 500 m, Simplex, D_{ca}

DK-1614-VH-5 // CAT 6 U/UTP Installation Cable, 500m, Simplex, D_{ca}

Anwendungsbild
Example of use

DK-1614-VH-5 // CAT 6 U/UTP Installation Cable, 500m, Simplex, D_{ca}

Kabelquerschnitt
Cable cross section

Produktbeschreibung Product Information		Physikalische Spezifikationen Physical Properties	
Hersteller / Manufacturer	Digitus (China) Digitus (China) Digitus (China)	Hersteller / Manufacturer	Digitus (China) Digitus (China) Digitus (China)
Teilenummer / Part Number	DK-1614-VH-5 (100m) DK-1614-VH-5 (500m) DK-1614-VH-5 (1000m)	Teilenummer / Part Number	DK-1614-VH-5 (100m) DK-1614-VH-5 (500m) DK-1614-VH-5 (1000m)
Material / Material	AWG 23/1 (25x7) LSZH (Low Smoke Zero Halogen)	Material / Material	AWG 23/1 (25x7) LSZH (Low Smoke Zero Halogen)
Lebensdauer / Lifetime	10 Jahre / 10 years	Lebensdauer / Lifetime	10 Jahre / 10 years
Temperaturbereich / Temperature Range	0°C bis 60°C / 32°F bis 140°F	Temperaturbereich / Temperature Range	0°C bis 60°C / 32°F bis 140°F
Flammverhalten / Flamm Behavior	LSZH (Low Smoke Zero Halogen)	Flammverhalten / Flamm Behavior	LSZH (Low Smoke Zero Halogen)
Wahlstrom / Nominal Voltage	100V bis 250V AC / 100V bis 250V AC	Wahlstrom / Nominal Voltage	100V bis 250V AC / 100V bis 250V AC
Leistung / Power	100W bis 250W / 100W bis 250W	Leistung / Power	100W bis 250W / 100W bis 250W
Abmessungen / Dimensions	25x7x1.2mm / 25x7x1.2mm	Abmessungen / Dimensions	25x7x1.2mm / 25x7x1.2mm
Wahlstrom / Nominal Voltage	100V bis 250V AC / 100V bis 250V AC	Wahlstrom / Nominal Voltage	100V bis 250V AC / 100V bis 250V AC
Leistung / Power	100W bis 250W / 100W bis 250W	Leistung / Power	100W bis 250W / 100W bis 250W
Abmessungen / Dimensions	25x7x1.2mm / 25x7x1.2mm	Abmessungen / Dimensions	25x7x1.2mm / 25x7x1.2mm

Leistungsdaten: Transmission Properties

FRQ	ATT	RETN	PR-RETN	SNR	PLN	PL	SLAYT	PR-RETN
100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0.1	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0.01	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0.001	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0.0001	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0.00001	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0

3P PARTS

Compliance Statement
Unscreened Class E / Category 6
ISO/IEC EN 60603-2-1
Four Connector Channel

Amann Electronic GmbH
D-59123 Lennestadt, Germany

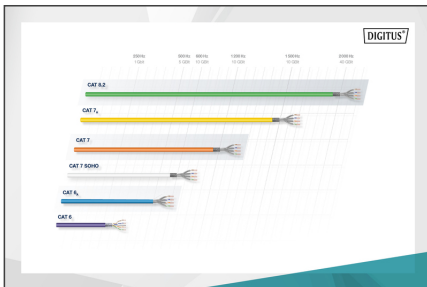
intertek
ETL Verified Certificate of Conformance Number: 10427619CET-001

GHMT
Certificate No. 155A74-19-1

GHMT
Certificate No. 155A74-19-1

GHMT
Zertifikat No. 155A74-19-1

GHMT Type Approval



DIGITUS

3P PARTS

Compliance Statement
Unscreened Class E / Category 6
ISO/IEC EN 60603-2-1
Four Connector Channel

intertek
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GHMT
Certificate No. 155A74-19-1

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Zertifikat No. 155A74-19-1

GHMT Type Approval

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.

ASSMANN Electronic GmbH
Auf dem Schüffel 3
Lüdenscheid, Germany
<https://www.assmann.com>
info@assmann.com