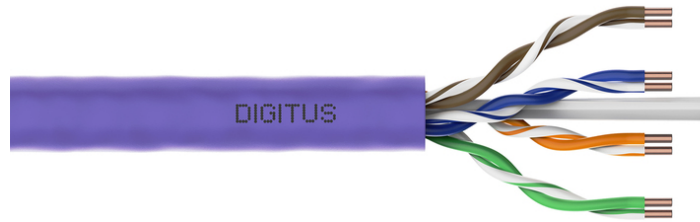


DIGITUS® CAT 6 U/UTP installation cable, 100 m, simplex, Eca

DK-1613-VH-1

EAN 4016032343653



CAT 6 U-UTP installation cable, 250 MHz Eca (EN 50575), AWG 23/1, 100m paper box, sx, pu

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. The shielding structure is composed of single shielded pairs with a tinned copper braid, which ensures excellent shielding and electrical values.

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

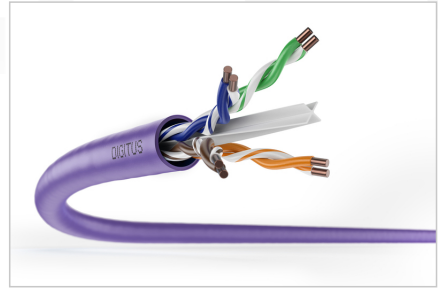
- Operating temperature range: -20 °C up to +75 °C
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 6,1 mm (Eca); 6,3 mm (Dca); 6,8 mm (Cca); 6,8 mm (B2ca)
- Weight (kg/km): 41 kg (Eca); 42 kg (Dca); 44 kg (Cca); 44 kg (B2ca)
- Electrical properties:
- Impedance: 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“ gem. EN 50174-2
- NVP: 69%

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Eca
- Length: 100 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	4.00	31.00	30.50	12.00	11,346.00
Packaging Unit Inside	1	4.00	10.00	28.00	28.00	7,840.00
Packaging Unit Single	1	4.00	10.00	28.00	28.00	7,840.00
Net single without Packaging	0	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
20°/75°
LSZH
Eca
CPL class

CAT 6 U/UTP Installation Cable, 100m, Simplex, Eca

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DK-1613-VH-1 // CAT 6 U/UTP Installation Cable, 100m, Simplex, Eca

Anwendungsbeispiel
Example of use

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Kabelquerschnitt
Cable cross section

Außenmantel Outer jacket
Cu-Braut Co-Braid
Aderpaar Twisted pair

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Produktkennzeichnung / Product Information	Physische Spezifikationen / Physical Properties
Bestellnummer / Order Number: DK-1613-VH-1 Produktname / Product Name: CAT 6 U/UTP Installation Cable, 100m, Simplex, Eca Artikelnummer / Article Number: 1613 Hersteller / Manufacturer: Digitus Material / Material: PVC, LSZH, AWG 23/1, 250 MHz, 1 Gbit Ethernet, CAT 6, Eca, CPL class	Material / Material: PVC, LSZH, AWG 23/1, 250 MHz, 1 Gbit Ethernet, CAT 6, Eca, CPL class Farbe / Color: Purple Abmessungen / Dimensions: 100m length, 10mm diameter Temperaturbereich / Temperature Range: -20°C to 75°C Flammverhalten / Flamm Behavior: LSZH (Low Smoke Zero Halogen) Umweltverträglichkeit / Environmental Compatibility: RoHS compliant

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Leistungsmerkmale / Performance Characteristics

Standard	AWG	Pair	Pair	Pair	Pair	Pair	Pair	Pair	Pair
100	23	100	100	100	100	100	100	100	100
100	23	100	100	100	100	100	100	100	100

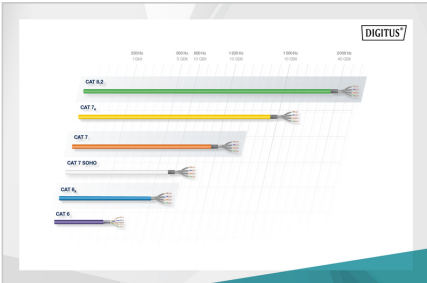
GHMT

Certificate
No. 15164-1-1-1-1

Zertifikat
No. 15164-1-1-1-1

Class E

Class E



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CEP-Bestimmungen / CEP Requirements

Bestimmung / Requirement	Ergebnis / Result
B2ca	1+
Cca	3
Dca	3
Eca	3

