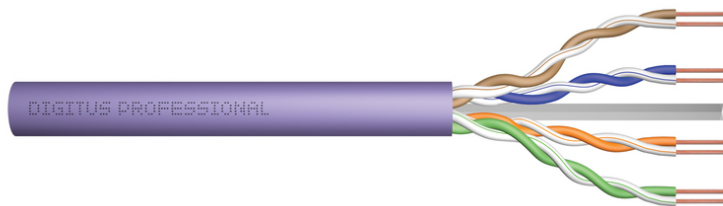


DIGITUS Cat.6 U/UTP installation cable, 100 m, simplex, Eca

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.

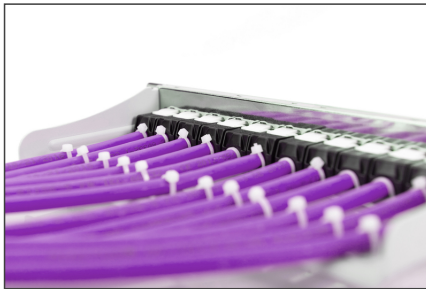
Future-oriented standards and high-end quality for your network.

- 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±50Ω @ 1 - 250MHz
- Capacitance: 40 pF/m nominal @ 800 Hz
- Capacitance unbalance (pair-ground): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 5 GΩm x km min.
- DC loop resistance: 147 Ω/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%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- 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)	cm ³
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	1	0.00	0.00	0.00	0.00	0.00

More images:



DIGITUS

- AWG 23/1
- 250 MHz
- 1 Gbit Ethernet
- CAT 6
- 20° / ± 75°
- LSZH
- E_{ca} CPR class

CAT 6 U/UTP Installation Cable, 100 m, Simplex, E_{ca}

DIGITUS

DK-1613-VH-1 // CAT 6 U/UTP Installation Cable, 100m, Simplex, E_{ca}

Anwendungsbeispiel
Example of use

DK-1613-VH-1

DIGITUS

DK-1613-VH-1 // CAT 6 U/UTP Installation Cable, 100m, Simplex, E_{ca}

Kabelschneidart
Cable cross section

DIGITUS

Produktdaten Product Information		Physikalische Spezifikationen Physical Properties	
Hersteller / Manufacturer	Digitus (China, Taiwan, Hong Kong, Macao, Singapore, Thailand, USA, Germany, Canada, Mexico, India, South Africa, Brazil, Russia, Israel, and other countries)	Lebensdauer / Lifetime	Bestanden nach IEC 60721-3-2 (nicht über 20 Jahre)
Name / Name	DK-1613-VH-1 (CAT 6 U/UTP 100m) (E _{ca})	Lebensdauer (E _{ca}) / Lifetime (E _{ca})	Bestanden nach IEC 60721-3-2 (nicht über 20 Jahre)
Elektrische Eigenschaften Electrical Properties		Mechanische Eigenschaften Mechanical Properties	
Stecker / Connector	100m U/UTP (RJ45)	Spannung / Voltage	100V AC
Lebensdauer / Lifetime	Bestanden nach IEC 60721-3-2 (nicht über 20 Jahre)	Stromstärke / Current	Bestanden nach IEC 60721-3-2 (nicht über 20 Jahre)
Lebensdauer (E _{ca}) / Lifetime (E _{ca})	Bestanden nach IEC 60721-3-2 (nicht über 20 Jahre)	Temperaturbereich / Temperature Range	Bestanden nach IEC 60721-3-2 (nicht über 20 Jahre)

DIGITUS

Leistungspegel-Tabelle

AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG
24	26	28	30	32	34	36	38	40	42

DIGITUS

Certificate
No. 1613-VH-1-E

Class E

2 Connector Channel, U/UTP, Class E

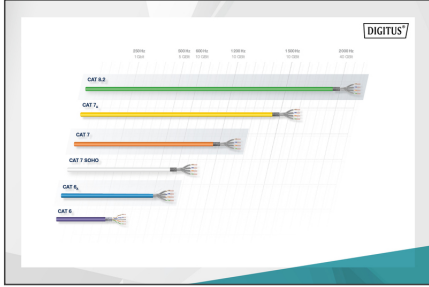
GHMT Type Approval

Zertifikat
No. 1613-VH-1-E

Klasse E

2 Connector Channel, U/UTP, Klasse E

GHMT Type Approval



DIGITUS

CPD	Bestandteile / Components	Leistungspegel-Tabelle / Power Level Table	Adressierung der Konformitäts-Daten / Addressing of Compliance Data	Zusatzkennzeichnung / Additional Marking
B2 _{ca}	Schülter hoch / High	1+	• Spannungsprüfung • Freisetzung • Radiofrequenz-Identifizierung • Regelmäßige Prüfung einzelner Elektroden • Regelmäßige Prüfung einzelner Elektroden	s
C _{ca}	Hoch / High	3	• Spannungsprüfung • Freisetzung	d
D _{ca}	Mittel / Medium		• Spannungsprüfung • Freisetzung	a
E _{ca}	Gering / Low		• Spannungsprüfung • Freisetzung	
Strom / Current	C _{ca} s1a d1 a1			

