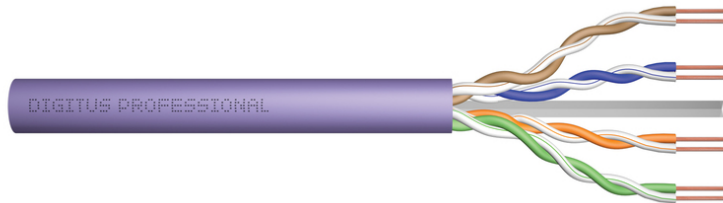


DIGITUS Cat.6 U/UTP installation cable, 500 m, Cca

DK-1615-VH-5
EAN 4016032442257



CAT 6 U-UTP installation cable, 250 MHz Cca (EN 50575), AWG 23/1, 500m drum, simplex, pu

The Digitus® Professional Cat.6 U/UTP installation cable is characterized by the following cable construction 4x2x AWG23/1 and reaches a transmission frequency up to 250 MHz. The halogen free cable jacket is conform to the standard IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class Cca. The cable is suitable for building structured cabling in the secondary and tertiary area. Compliant with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-6-1.

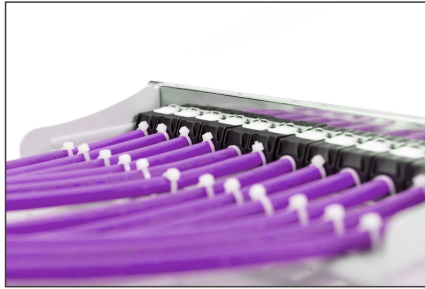
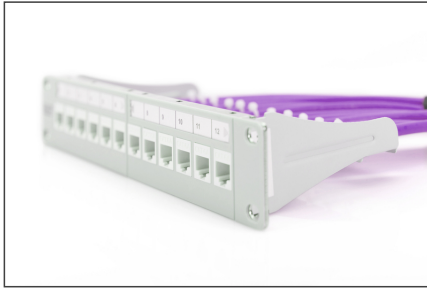
Future-oriented standards and high-end quality for your network.

- 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 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±50hm @ 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%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Cca
- 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)	cm³
Packaging Unit Carton	1	24.00	39.50	38.00	27.50	41,277.50
Packaging Unit Inside	1	24.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	24.00	37.00	37.00	31.00	42,439.00
Net single without Packaging	1	23.84	37.00	37.00	31.00	42,439.00

More images:

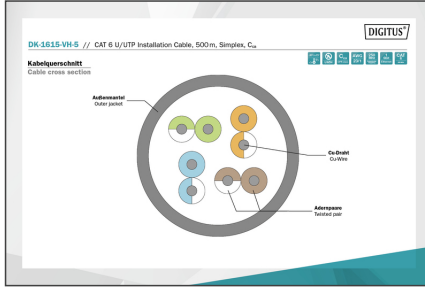


AWG 23/1	250 MHz	1 Gbit Ethernet	CAT 6
20°/±.75°	LSZH	C _{ca}	CPR class

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

DK-1615-VH-S // CAT 6 U/UTP Installation Cable, 500m, Simplex, C_{ca}

Anwendungsgebiet
Example of use



Produktdaten Product Information		Physikalische Spezifikationen Physical Properties	
Abmessungen Dimensions	20°/±.75°	Leiter Conductor	25 Adern 23 AWG
AWG	23/1	Leiterdurchmesser Conductor diameter	0.62 mm
Leiterschichtzahl Number of conductors	25	Leiterschichtdurchmesser Conductor diameter	0.62 mm
Leiterschichtmaterial Conductor material	100% Kupfer 100% Copper	Leiterschichtquerschnitt Conductor cross-section	0.30 mm²
Leiterschichtart Conductor type	100% Kupfer 100% Copper	Leiterschichtquerschnitt Conductor cross-section	0.30 mm²
Leiterschichtklasse Conductor class	100% Kupfer 100% Copper	Leiterschichtquerschnitt Conductor cross-section	0.30 mm²
Leiterschichtklasse Conductor class	100% Kupfer 100% Copper	Leiterschichtquerschnitt Conductor cross-section	0.30 mm²
Leiterschichtklasse Conductor class	100% Kupfer 100% Copper	Leiterschichtquerschnitt Conductor cross-section	0.30 mm²

Leistungseigenschaften Transmission Properties

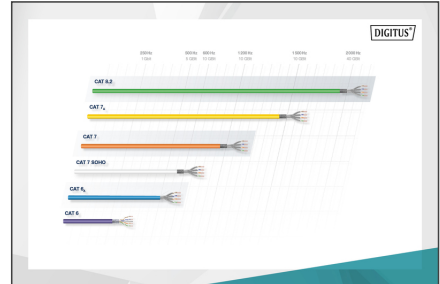
AWG	UTP	NEXT	PS NEXT	ACS	PLCR	PL	PLRXT	PRNEXT
23	45	45	45	45	45	45	45	45
16	140	140	140	140	140	140	140	140
11	14	14	14	14	14	14	14	14
10	14	14	14	14	14	14	14	14
10	14	14	14	14	14	14	14	14
10	14	14	14	14	14	14	14	14
10	14	14	14	14	14	14	14	14
10	14	14	14	14	14	14	14	14
10	14	14	14	14	14	14	14	14

Certificate
No. 15143-1-10-1

Class E

Zertifikat
No. 15143-1-10-1

Klasse E



CPR Einstufung	Brandklasse	Leistungseigenschaften	Auflösung der Konformitäts-Deklaration	Zusatzanforderungen
B2ca	Sehr hoch	1+	• Typenprüfung	• Besondere Bedingungen
Cca	Hoch	3	• Typenprüfung	• Besondere Bedingungen
Dca	Mittel			
Eca	Gering			
	Cca	sta	d1	a1

