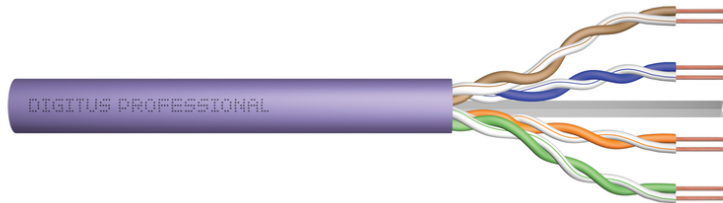


# DIGITUS Cat.6 U/UTP installation cable, 305 m, simplex, Eca

DK-1613-VH-305  
EAN 4016032324553



### CAT 6 U-UTP installation cable, 250 MHz Eca (EN 50575), AWG 23/1, 305 m 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 and POE+.

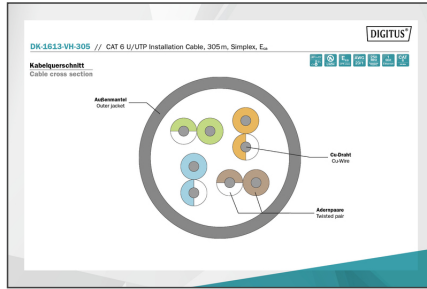
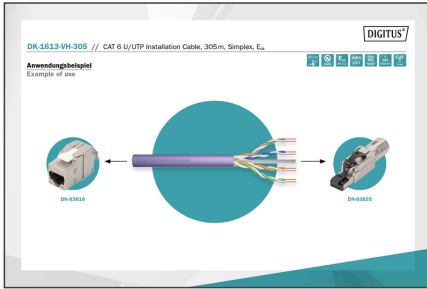
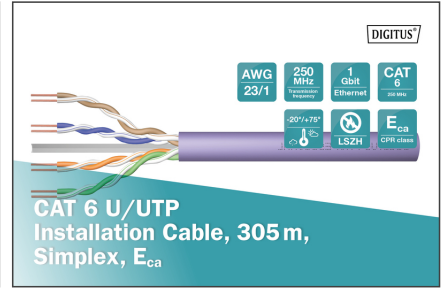
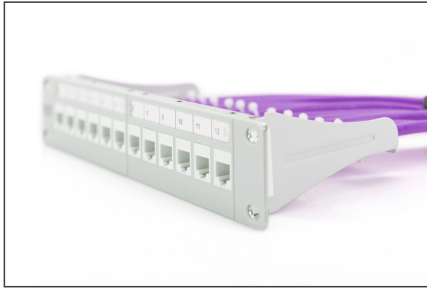
#### Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare copper wire, AWG 23/1
- Insulation: HD-PE (High Density Polyethylene)
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: None
- Overall shielding: None
- Outer sheath: Eca to B2ca in accordance with EN 50575; LSZH
- Outer sheath thickness nominal): 0.5 mm (Eca); 0.6 mm (Dca); 1.0 mm (Cca); 1.0 mm (B2ca)
- Outer casing color: Violet (RAL 4005)
- Mechanical properties:
- Strain relief: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +60 °C

- Operating temperature range: -20 °C to +75 °C
- Installation temperature range: 0 °C to +50 °C
- Outer 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-earth): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- Loop resistance: 147 Ohm/km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling attenuation: CA-Type 3
- Phase delay: 535 nS/100 m max.
- Time delay: 20 nS/100 m max.
- Isolation class: "b" according to EN 50174-2
- NVP: 69%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Eca
- Length: 305 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	12.30	45.00	44.50	25.00	50,062.50
Packaging Unit Inside	1	12.30	45.00	44.50	25.00	50,062.50
Packaging Unit Single	1	12.30	45.00	44.50	25.00	50,062.50
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



Produktinformationen / Product Information		Physikalische Spezifikationen / Physical Properties	
<b>Bezeichnung / Name:</b>	DIGITUS CAT 6 U/UTP Installation Cable, 305m, Simplex, E <sub>ca</sub>	<b>Leiter / Conductor:</b>	25 Adressierte Daten-paare (25 twisted pairs)
<b>AWG:</b>	23/1	<b>Leitungsstruktur / Conductor Structure:</b>	4/5-Tupler (4 conductors twisted together)
<b>Frequenz / Frequency:</b>	250 MHz	<b>Leitungsstruktur / Conductor Structure:</b>	4/5-Tupler (4 conductors twisted together)
<b>Ethernet / Ethernet:</b>	1 Gbit Ethernet	<b>Leitungsstruktur / Conductor Structure:</b>	4/5-Tupler (4 conductors twisted together)
<b>Kategorie / Category:</b>	CAT 6	<b>Leitungsstruktur / Conductor Structure:</b>	4/5-Tupler (4 conductors twisted together)
<b>Spannung / Voltage:</b>	100 V	<b>Leitungsstruktur / Conductor Structure:</b>	4/5-Tupler (4 conductors twisted together)
<b>Temperatur / Temperature:</b>	20° ± 0,75°	<b>Leitungsstruktur / Conductor Structure:</b>	4/5-Tupler (4 conductors twisted together)
<b>Material / Material:</b>	LSZH	<b>Leitungsstruktur / Conductor Structure:</b>	4/5-Tupler (4 conductors twisted together)
<b>Zertifizierung / Certification:</b>	E <sub>ca</sub> CPR class	<b>Leitungsstruktur / Conductor Structure:</b>	4/5-Tupler (4 conductors twisted together)
<b>Mechanische Eigenschaften / Mechanical Properties</b>		<b>Mechanische Eigenschaften / Mechanical Properties</b>	
<b>Zugbelastung / Tensile Strength:</b>	> 100 N	<b>Zugbelastung / Tensile Strength:</b>	> 100 N
<b>Stoßbelastung / Impact Resistance:</b>	> 100 N	<b>Stoßbelastung / Impact Resistance:</b>	> 100 N
<b>Biegebelastung / Bending Resistance:</b>	> 100 N	<b>Biegebelastung / Bending Resistance:</b>	> 100 N
<b>Stoßbelastung / Impact Resistance:</b>	> 100 N	<b>Stoßbelastung / Impact Resistance:</b>	> 100 N
<b>Biegebelastung / Bending Resistance:</b>	> 100 N	<b>Biegebelastung / Bending Resistance:</b>	> 100 N
<b>Stoßbelastung / Impact Resistance:</b>	> 100 N	<b>Stoßbelastung / Impact Resistance:</b>	> 100 N

AWG	UTP	STP	TP	FTD	SA	PL	FL	PLR	PLRZ	PLRZ2
18	18	18	18	18	18	18	18	18	18	18
20	20	20	20	20	20	20	20	20	20	20
22	22	22	22	22	22	22	22	22	22	22
24	24	24	24	24	24	24	24	24	24	24
26	26	26	26	26	26	26	26	26	26	26
28	28	28	28	28	28	28	28	28	28	28
30	30	30	30	30	30	30	30	30	30	30

### Certificate

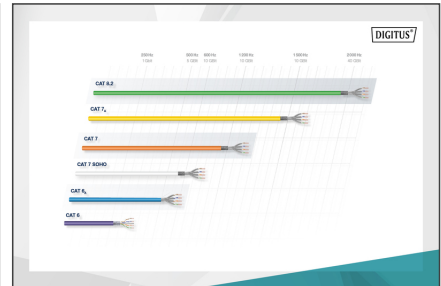
aw\_10163-ca-4

Class E

### Zertifikat

aw\_10163-ca-4

Klasse E



CPR Einstufung / Classification	Bestandteile / Components	Leitungsstruktur (LST) / Conductor Structure	Adressierte Fern-daten-paar / Addressed Remote Data Pair	Zusätzliche Eigenschaften / Additional Properties
<b>B2ca</b> Very High	Siehe hoch / See high	1+	• Symmetrisch • Isoliert • Keine Dämpfung	• Beständigkeit • Keine Dämpfung • Keine Dämpfung
<b>C<sub>ca</sub></b> High	Hoch / High	3	• Symmetrisch • Isoliert • Keine Dämpfung	• Beständigkeit • Keine Dämpfung • Keine Dämpfung
<b>D<sub>ca</sub></b> Medium	Mittel / Medium	3	• Symmetrisch • Isoliert • Keine Dämpfung	• Beständigkeit • Keine Dämpfung • Keine Dämpfung
<b>E<sub>ca</sub></b> Low	Gering / Low	3	• Symmetrisch • Isoliert • Keine Dämpfung	• Beständigkeit • Keine Dämpfung • Keine Dämpfung

