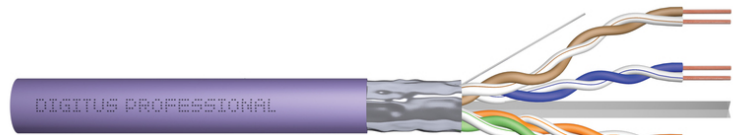


# DIGITUS Cat.6 F/UTP installation cable, 305 m, simplex, Eca

**DK-1623-VH-305**  
**EAN 4016032344063**



**CAT 6 F-UTP installation cable, 250 MHz Eca (EN 50575), AWG 23/1, 305 m drum, sx, purple**

The Digitus Cat 6 F/UTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-5-1, 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+.

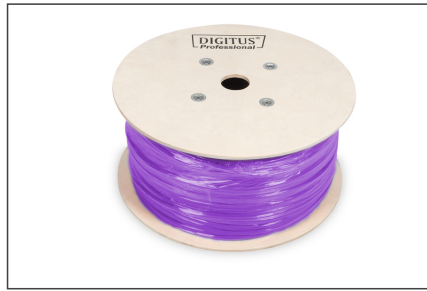
**Future-oriented standards and high-end quality for your network.**

- Physical properties:
- Basic conductor: Solid AWG 23/1, bare annealed copper, diameter 0.57 mm nominal
- System/s of AVCP: AVCP 3
- Insulation: HD-PE
- 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: Aluminum foil, providing 100% coverage, drain wire
- Outer jacket: Halogen-free (FRNC-B/LSZH-1)
- Outer jacket diameter: 0.50 mm nominal
- 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: 7.0 mm nominal
- Flame retardancy: IEC 60332-1
- Halogen-free & smoke-proof: IEC 60754-2 & IEC 61034
- Fire load: 295 MJ/km
- Electrical properties:
- Mean impedance: 100±5Ohm at 1MHz - 600MHz
- Capacitance: 48 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: 40 dB
- Signal propagation delay: 535 nS/100 m max.
- Propagation delay: 20 nS/100 m max.
- NVP: 69%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: F-UTP, foil shielding
- 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)	cm <sup>3</sup>
Packaging Unit Carton	1	17.50	39.50	38.00	27.50	41,277.50
Packaging Unit Inside	1	17.50	39.50	38.00	27.50	41,277.50
Packaging Unit Single	1	17.50	39.50	38.00	27.50	41,277.50
Net single without Packaging	0	19.00	39.50	38.00	27.50	41,277.50

More images:



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**B2ca** Gefürht hochsteck  
**Cca** Hochsteck  
**Dca** Mittelsteck  
**Eca** Gefürht Low

**1+**  
**3**

**Cca** **stb** **d1** **a1**

**S** **d** **a**

**DIGITUS**

**Intertek**

ETL Verbal Certificate of Conformance Number: 16112087-CAT-6B16

Approved by: Intertek  
 Location: 16112087-CAT-6B16  
 Date: 08/11/2016

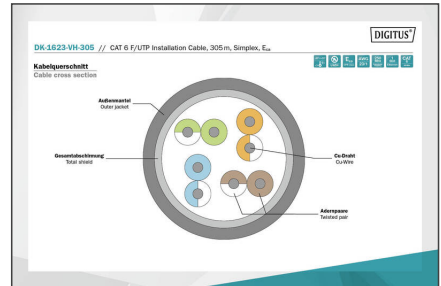
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**Leistungsparameter Transmission Properties**

AWG	AWG	NEXT	PS NEXT	ACR	PLR/A	PL	PLRXT	PRR/PR2
24	24	24	24	24	24	24	24	24
1	24	24	24	24	24	24	24	24
1	14	24	24	24	24	24	24	24
1	14	14	24	24	24	24	24	24
1	14	14	14	24	24	24	24	24
1	14	14	14	14	24	24	24	24
1	14	14	14	14	14	24	24	24
1	14	14	14	14	14	14	24	24
1	14	14	14	14	14	14	14	24
1	14	14	14	14	14	14	14	14

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Produktinformation Product Information	Physikalische Eigenschaften Physical Properties
<b>Produktname:</b> CAT 6 F/UTP Installation Cable, 305m, Simplex, E <sub>ca</sub> <b>Part Number:</b> DK-1623-VH-305 // CAT 6 F/UTP Installation Cable, 305m, Simplex, E <sub>ca</sub>	<b>Material:</b> Polyethylene (PE) <b>Color:</b> Purple
<b>Produktbeschreibung:</b> CAT 6 F/UTP Installation Cable, 305m, Simplex, E <sub>ca</sub> <b>Produkttyp:</b> CAT 6 F/UTP Installation Cable, 305m, Simplex, E <sub>ca</sub>	<b>Struktur:</b> 4x 25 AWG <b>Struktur:</b> 4x 25 AWG
<b>Produktlänge:</b> 305m <b>Produktgewicht:</b> 1.5kg	<b>Struktur:</b> 4x 25 AWG <b>Struktur:</b> 4x 25 AWG



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**DK-1623-VH-305 // CAT 6 F/UTP Installation Cable, 305m, Simplex, E<sub>ca</sub>**

**Anwendungsbeispiel**  
Example of use

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**CAT 6 F/UTP Installation Cable, 305m, Simplex, E<sub>ca</sub>**

AWG 23/1  
 250 MHz  
 1 Gbit Ethernet  
 CAT 6  
 305m  
 LSZH  
 Eca  
 CPR class

