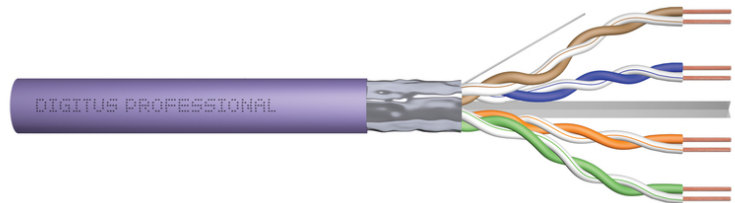


# DIGITUS Cat.6 F/UTP installation cable, 305 m, simplex, Eca

**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+.

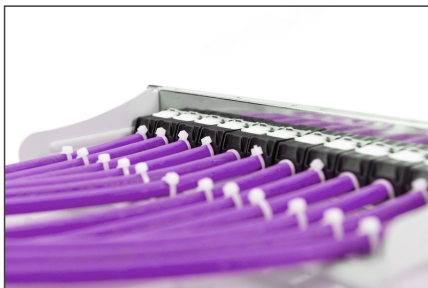
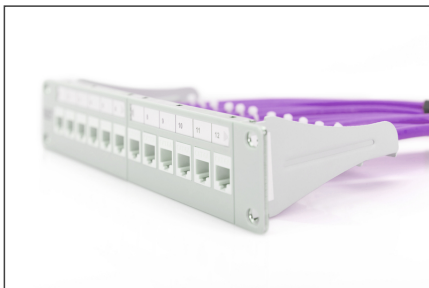
**Future-oriented standards and high-end quality for your network.**

- 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	1	19.00	39.50	38.00	27.50	0.00

More images:



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

AWG 23/1  
 250 MHz  
 1 Gbit Ethernet  
 CAT 6  
 100 m  
 2007 + 75°  
 6  
 LSZH  
 CPR class E<sub>ca</sub>

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

**Anwendungsbeispiel**  
 Example of use

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

**Kabelquerschnitt**  
 Cable cross-section

Adresspunkt  
 Data point  
 Adresspunkt  
 Data point  
 Co-Bund  
 Cable  
 Adresspunkt  
 Data point

**Produktinformation Product Information**  
**Physikalische Spezifikationen Physical Properties**

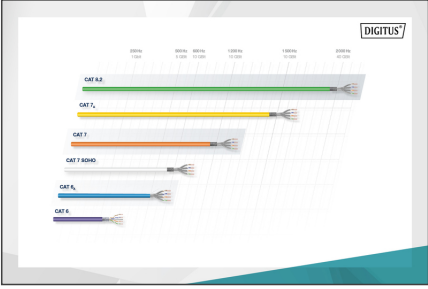
<b>Hersteller</b> Hersteller Name: DIGITUS Professional Hersteller Adresse: ... Hersteller Telefon: ... Hersteller E-Mail: ... Hersteller Web: ...	<b>Lebensdauer</b> Lebensdauer: ... Garantie: ... Verantwortlichkeit: ... Herstellerkennung: ... Produktkennung: ... Artikelnummer: ... Lagerort: ... Lagerbedingungen: ... Lagerdauer: ... Lagerort: ... Lagerbedingungen: ... Lagerdauer: ...
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**Technische Eigenschaften Technical Properties**  
 Durchmesser: 10.5 mm  
 Drahtdurchmesser: 0.25 mm  
 Anzahl Adresspunkte: 1  
 Adresspunkttyp: RJ45  
 Adresspunktgröße: ...  
 Adresspunktmaterial: ...  
 Adresspunktfarbe: ...  
 Adresspunkttext: ...  
 Adresspunktart: ...  
 Adresspunktgröße: ...  
 Adresspunktmaterial: ...  
 Adresspunktfarbe: ...  
 Adresspunkttext: ...  
 Adresspunktart: ...

**Leistungsmerkmale Transmission Properties**

Modul	1	2	3	4	5	6	7	8	9	10
1	20	20	20	20	20	20	20	20	20	20
2	20	20	20	20	20	20	20	20	20	20
3	20	20	20	20	20	20	20	20	20	20
4	20	20	20	20	20	20	20	20	20	20
5	20	20	20	20	20	20	20	20	20	20
6	20	20	20	20	20	20	20	20	20	20
7	20	20	20	20	20	20	20	20	20	20
8	20	20	20	20	20	20	20	20	20	20
9	20	20	20	20	20	20	20	20	20	20
10	20	20	20	20	20	20	20	20	20	20

**Intertek**  
**ETL Verifier Certificate of Conformance Number: 161162867-016**



**CPD Kompatibilität**  
 Compatibility with CPD

B2 <sub>ca</sub>	Hoch High	1+	• Spannungsbereich • Funktionstests • Regelmäßige Prüfung von Schichten • Regelmäßige Prüfung von Schichten
C <sub>ca</sub>	Hoch High	3	• Spannungsbereich • Funktionstests • Regelmäßige Prüfung von Schichten • Regelmäßige Prüfung von Schichten
D <sub>ca</sub>	Mittel Medium		• Spannungsbereich • Funktionstests • Regelmäßige Prüfung von Schichten • Regelmäßige Prüfung von Schichten
E <sub>ca</sub>	Gering Low		• Spannungsbereich • Funktionstests • Regelmäßige Prüfung von Schichten • Regelmäßige Prüfung von Schichten

Typische Werte: C<sub>ca</sub>, s1a, d1, a1

