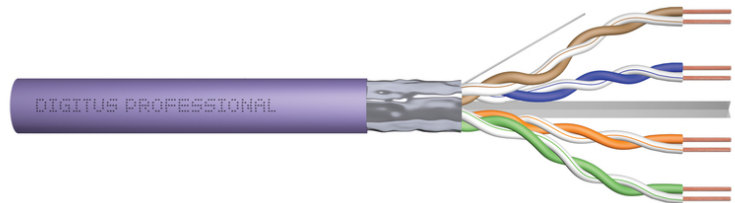


# DIGITUS Cat.6 F/UTP installation cable, 100 m, simplex, Eca

DK-1623-VH-1  
 EAN 4016032344056



**CAT 6 F-UTP installation cable, 250 MHz Eca (EN 50575), AWG 23/1, 100 m paper box, sx, pu**

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:
- 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: Aluminum foil, providing 100% coverage, drain wire
- Outer sheath: Eca to B2ca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0.5 mm (Eca); 0,6 mm (Dca); 0,8 mm (Cca); 0,08 mm (B2ca)
- Outer sheath color: Purple
- 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): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 46 kg (Eca); 47 kg (Dca); 48,5 kg (Cca); 48,5 kg (B2ca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-250 MHz
- Capacitance: 45 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.
- Separating class: „c“ acc. to EN 50174-2
- NVP: 69%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: F-UTP, foil shielding
- Shielding: F-UTP, foil shielding
- 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)	cm³
Packaging Unit Carton	2	13.20	34.00	35.00	23.00	27,370.00
Packaging Unit Inside	1	6.60	33.00	34.00	11.00	12,342.00
Packaging Unit Single	1	6.60	33.00	34.00	11.00	12,342.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



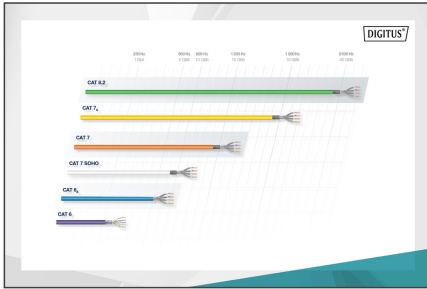
**DIGITUS**

**B2ca** Sehr hoch über High  
**Cca** Hoch High  
**Dca** Mittel Medium  
**Eca** Gering Low

**1+**  
**3**

**s1a** **d1** **a1**

**S** Auszeichnung für die beste Qualität  
**d** Auszeichnung für die beste Qualität  
**a** Auszeichnung für die beste Qualität



**Intertek**

**ETL Verified Certificate of Conformance Number: 161128201-001-010**

**Model:** CAT 6  
**Manufacturer:** DIGITUS  
**Location:** China

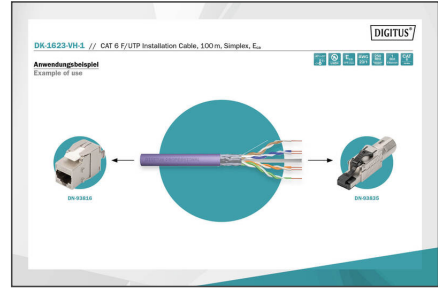
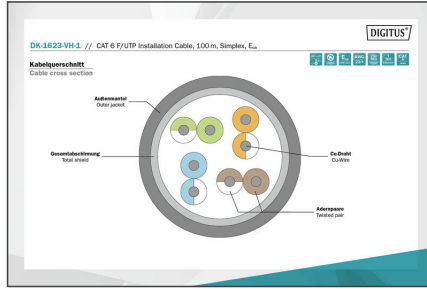
**Category:** CAT 6  
**Standard:** ANSI/TIA-568-C.0-2  
**Material:** Polyethylene (PE)  
**Color:** Blue

**DIGITUS**

FREQ.	ATT.	NEXT	PSNEXT	ACR	PSACR	SL	ELFEXT	PSELFEXT
1	0.1	40	100	16	16	16	16	16
10	0.1	70	120	12	12	12	12	12
100	0.1	100	140	8	8	8	8	8
1000	0.1	130	160	4	4	4	4	4
10000	0.1	160	190	1	1	1	1	1

**DIGITUS**

Produktkennlinie / Product Information	Physikalische Spezifikation / Physical Properties
<b>Produktkennlinie / Product Information</b> Produktname: CAT 6 F/UTP Installation Cable, 100m, Simplex, Eca Artikelnummer: 161128201-001-010 Hersteller: DIGITUS Standort: China	<b>Physikalische Spezifikation / Physical Properties</b> Kategorie: CAT 6 Standard: ANSI/TIA-568-C.0-2 Material: Polyethylene (PE) Farbe: Blue Durchmesser: 6.35 mm Länge: 100 m Abschirmung: Unshielded Paarung: UTP Temperaturbereich: -40°C bis +75°C



**DIGITUS**

**CAT 6 F/UTP Installation Cable, 100 m, Simplex, Eca**

AWG 23/1  
 250 MHz  
 1 Gbit Ethernet  
 CAT 6 (per ANSI)  
 LSZH  
 Eca  
 CPR class

