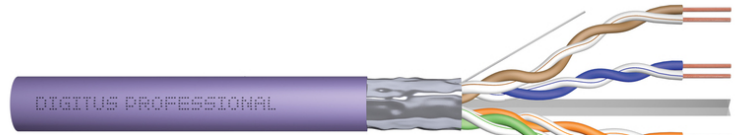


DIGITUS Cat.6 F/UTP installation cable, 100 m, simplex, Eca

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+.

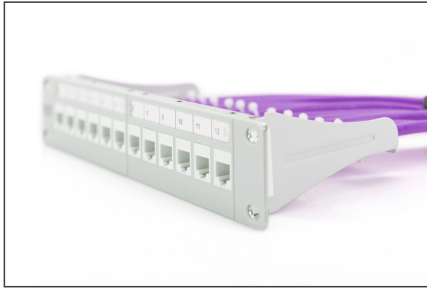
Future-oriented standards and high-end quality for your network.

- 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
- 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)	cm ³
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:



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AWG 23/1 | 250 MHz | 1 Gbit Ethernet | CAT 6

20° / ± 0.75° | 6 | LSZH | CPR class E_{ca}

CAT 6 F/UTP Installation Cable, 100 m, Simplex, E_{ca}

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DK-1623-VH-1 // CAT 6 F/UTP Installation Cable, 100 m, Simplex, E_{ca}

Beispielschnittstelle
Example of use



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Produktdaten / Product Information		Physikalische Spezifikationen / Physical Properties	
Hersteller / Manufacturer	Hera (Dresden, Sächsische Schweiz, Volk-Ring-Strasse 1)	Leiter / Conductor	Neu: Kupferleiter AWG23
Artikelnummer / Article Number	DK-1623-VH-1 // 100 m // CAT 6 F/UTP Installation Cable, Simplex, E _{ca}	Schirmung / Shielding	AWG 18 / 26 cm-Wellenleiter
Name / Name	DK-1623-VH-1 // 100 m // CAT 6 F/UTP Installation Cable, Simplex, E _{ca}	Isolationseigenschaften / Isolation Properties	1 Gbit Ethernet, 250 MHz, 100 m // LSZH, CPR class E _{ca}
Elektrische Eigenschaften / Electrical Properties Übertragungsfrequenz / Transmission Frequency: 250 MHz Kanalarbeitsspannung / Channel Working Voltage: 500 V Dämpfungskoeffizient / Attenuation Coefficient: 1,5 dB/100 m Dämpfungskoeffizient / Attenuation Coefficient: 2,5 dB/100 m (20°C / 68°F) Dämpfungskoeffizient / Attenuation Coefficient: 2,5 dB/100 m (30°C / 86°F) Dämpfungskoeffizient / Attenuation Coefficient: 2,5 dB/100 m (40°C / 104°F) Dämpfungskoeffizient / Attenuation Coefficient: 2,5 dB/100 m (50°C / 122°F)	Elektrische Eigenschaften / Electrical Properties Übertragungsfrequenz / Transmission Frequency: 250 MHz Kanalarbeitsspannung / Channel Working Voltage: 500 V Dämpfungskoeffizient / Attenuation Coefficient: 1,5 dB/100 m Dämpfungskoeffizient / Attenuation Coefficient: 2,5 dB/100 m (20°C / 68°F) Dämpfungskoeffizient / Attenuation Coefficient: 2,5 dB/100 m (30°C / 86°F) Dämpfungskoeffizient / Attenuation Coefficient: 2,5 dB/100 m (40°C / 104°F) Dämpfungskoeffizient / Attenuation Coefficient: 2,5 dB/100 m (50°C / 122°F)	Mechanische Eigenschaften / Mechanical Properties Länge / Length: 100 m Querschnitt / Cross-section: Ø 6,6 mm Gewicht / Weight: 350 g Durchmesser / Diameter: Ø 6,6 mm Mindestbiegeradius / Minimum Bending Radius: 300 mm Zugfestigkeit / Tensile Strength: 120 N Bruchdehnung / Elongation at Break: 100% Schmelztemperatur / Melting Temperature: 230°C Flammverhalten / Flamm Behavior: LSZH Rauchentwicklung / Smoke Development: 0,5 mg/kg Kohlenstoffrückstand / Char Yield at 550°C: 20%	Mechanische Eigenschaften / Mechanical Properties Länge / Length: 100 m Querschnitt / Cross-section: Ø 6,6 mm Gewicht / Weight: 350 g Durchmesser / Diameter: Ø 6,6 mm Mindestbiegeradius / Minimum Bending Radius: 300 mm Zugfestigkeit / Tensile Strength: 120 N Bruchdehnung / Elongation at Break: 100% Schmelztemperatur / Melting Temperature: 230°C Flammverhalten / Flamm Behavior: LSZH Rauchentwicklung / Smoke Development: 0,5 mg/kg Kohlenstoffrückstand / Char Yield at 550°C: 20%

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Leistungsleistungen / Transmission Properties												
AWG	AWG	MAX	PK-MAX	AG	PK-AG	SL	PK-SL	EL	PK-EL	PR-SUM	PK-SUM	PK-SUM
1	24	260	260	780	780	82	82	30	30	36	36	36
1	14	360	360	450	450	180	180	30	30	36	36	36
0	14	360	360	360	360	360	360	30	30	36	36	36
16	16	480	480	480	480	300	300	30	30	36	36	36
20	20	360	360	117	117	47	47	30	30	36	36	36
26	26	360	360	172	172	47	47	30	30	36	36	36

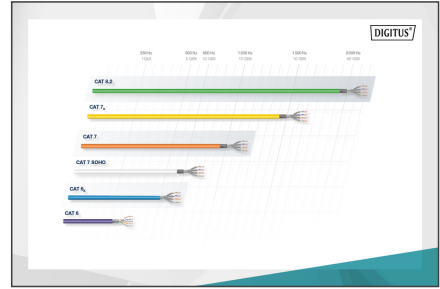
Intertek **ETL**

ETL Vendor Certificate of Conformance Number: 14113285-C0T-016

This is to certify that the products described on this certificate have been tested and found to comply with the requirements of the applicable standards and regulations listed herein.

Standard: CAT 6 F/UTP Installation Cable, 100 m, Simplex, E_{ca}

Manufacturer: HERA (Dresden, Sächsische Schweiz, Volk-Ring-Strasse 1)



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CPR Einstufung / Classification	Benennung / Naming	Leistungsleistung / Performance	Abdichtung / Sealing	Zusatzinformation / Additional Information
B2 _{ca}	Single-buchse / Single-port	1+	+	Beschreibung / Description: 1+ Single-buchse / 1+ Single-port
C _{ca}	Misch / Mixed	3	3	Beschreibung / Description: 3 Misch / 3 Mixed
D _{ca}	Mittel / Medium			Beschreibung / Description: Mittel / Medium
E _{ca}	Gering / Low			Beschreibung / Description: Gering / Low

Standard: C_{ca} | s1a | d1 | a1

