

DIGITUS® CAT 6 F/UTP installation cable, 100 m, simplex, B2ca

DK-1626-VH-1

EAN 4016032442042



CAT 6 F-UTP installation cable, 250 MHz B2ca (EN 50575), AWG 23/1, 100 m paper box,

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

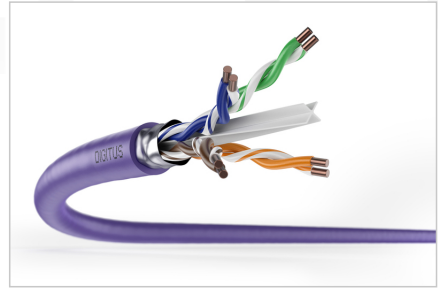
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 46 kg (Eca); 47 kg (Dca); 48,5 kg (Cca); 48,5 kg (B2ca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-250 MHz
- Capacitance: 45 pF/m nominal @ 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%

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: F-UTP, foil shielding
- CPR: B2ca
- 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	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	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 (as seen)
20°/75°
LSZH
Eca
CPL class

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

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DK-1623-VH-1 // CAT 6 F/UTP Installation Cable, 100 m, Simplex, Eca

Anwendungsbeispiel
Example of use

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Kabelquerschnitt
Cable cross section

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Produktinformationen / Product Information	Physikalische Spezifikationen / Physical Properties
Identifikationsnummer / Identification Number: DK-1623-VH-1 (100 m) / DK-1623-VH-1 (100 m)	Standard / Standard: ISO/IEC 61906-2, EN 50173-2, EN 50174-2, EN 50175-2, EN 50176-2, EN 50177-2, EN 50178-2, EN 50179-2, EN 50180-2, EN 50181-2, EN 50182-2, EN 50183-2, EN 50184-2, EN 50185-2, EN 50186-2, EN 50187-2, EN 50188-2, EN 50189-2, EN 50190-2, EN 50191-2, EN 50192-2, EN 50193-2, EN 50194-2, EN 50195-2, EN 50196-2, EN 50197-2, EN 50198-2, EN 50199-2, EN 50200-2
Produktbeschreibung / Product Description: CAT 6 F/UTP Installation Cable, 100 m, Simplex, Eca	Material / Material: Polyethylene (PE), Polypropylene (PP), PVC, LSZH, etc.
Technische Spezifikationen / Technical Specifications: 250 MHz, 1 Gbit Ethernet, CAT 6, Eca, LSZH, etc.	Umweltbedingungen / Environmental Conditions: Operating temperature: 0°C to 70°C, Storage temperature: -40°C to 85°C, Humidity: 10% to 90% RH, etc.

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Leistungsmerkmale / Performance Characteristics

Standard	AWG	Pair	Pair	Pair	Pair	Pair	Pair	Pair	Pair
ISO/IEC 61906-2	23	1	2	3	4	5	6	7	8
EN 50173-2	23	1	2	3	4	5	6	7	8
EN 50174-2	23	1	2	3	4	5	6	7	8
EN 50175-2	23	1	2	3	4	5	6	7	8
EN 50176-2	23	1	2	3	4	5	6	7	8
EN 50177-2	23	1	2	3	4	5	6	7	8
EN 50178-2	23	1	2	3	4	5	6	7	8
EN 50179-2	23	1	2	3	4	5	6	7	8
EN 50180-2	23	1	2	3	4	5	6	7	8
EN 50181-2	23	1	2	3	4	5	6	7	8
EN 50182-2	23	1	2	3	4	5	6	7	8
EN 50183-2	23	1	2	3	4	5	6	7	8
EN 50184-2	23	1	2	3	4	5	6	7	8
EN 50185-2	23	1	2	3	4	5	6	7	8
EN 50186-2	23	1	2	3	4	5	6	7	8
EN 50187-2	23	1	2	3	4	5	6	7	8
EN 50188-2	23	1	2	3	4	5	6	7	8
EN 50189-2	23	1	2	3	4	5	6	7	8
EN 50190-2	23	1	2	3	4	5	6	7	8
EN 50191-2	23	1	2	3	4	5	6	7	8
EN 50192-2	23	1	2	3	4	5	6	7	8
EN 50193-2	23	1	2	3	4	5	6	7	8
EN 50194-2	23	1	2	3	4	5	6	7	8
EN 50195-2	23	1	2	3	4	5	6	7	8
EN 50196-2	23	1	2	3	4	5	6	7	8
EN 50197-2	23	1	2	3	4	5	6	7	8
EN 50198-2	23	1	2	3	4	5	6	7	8
EN 50199-2	23	1	2	3	4	5	6	7	8
EN 50200-2	23	1	2	3	4	5	6	7	8

Intertek

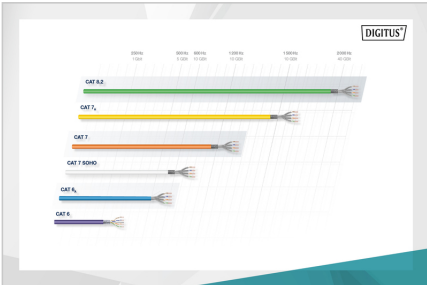
ETL Verified Certificate of Conformance Number: 1615281007-010

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CEP-Bestimmungen / CEP Requirements

Druckverhältnisse / Pressure Conditions

Leitungsmerkmale / Performance Characteristics

Abgleich der verbleibenden Paare / Balancing of remaining pairs

Zusammenfassung / Summary

CEP-Bestimmungen	Druckverhältnisse	Leitungsmerkmale	Abgleich der verbleibenden Paare	Zusammenfassung
B2ca	Schleif hoch	1+	• Typischerweise • Typischerweise	s
Cca	Hoch	1+	• Typischerweise • Typischerweise	s
Dca	Mittel	3	• Typischerweise • Typischerweise	d
Eca	Garung	3	• Typischerweise • Typischerweise	a

