

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

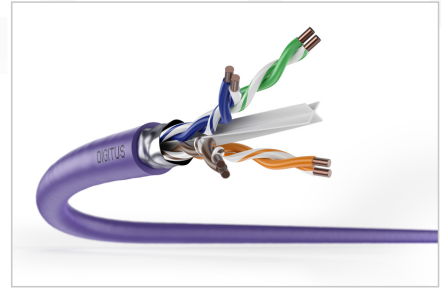
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 46 kg (Eca); 47 kg (Dca); 48,5 kg (Cca); 48,5 kg (B2ca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-250 MHz
- Capacitance: 45 pF/m nominal @ 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	5.61	33.00	33.00	12.00	13,068.00
Packaging Unit Inside	1	5.61	0.00	0.00	0.00	0.00
Packaging Unit Single	1	5.61	33.00	33.00	12.00	13,068.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



DIGITUS

AWG 23/1 | 250 MHz | 1 Gbit Ethernet | CAT 6 | 100 m | E_{ca} | LSZH | CPRI class

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

DIGITUS

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

Anwendungsbeispiel
Example of use

DIGITUS

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

Kabelquerschnitt
Cable cross section

DIGITUS

Produktdaten / Product Information	Physikalische Spezifikationen / Physical Properties
Produktbeschreibung Produkt: CAT 6 F/UTP Installation Cable, 100 m, Simplex, E _{ca} Artikelnummer: DK-1623-VH-1 EAN: 4011511162311 UPC: 761431162311	Standard TIA/EIA-568-B.2, ISO/IEC 11801, IEC 60332-1, IEC 60332-3, IEC 60754-1, IEC 60754-2, IEC 61034-1, IEC 61034-2, IEC 61034-3, IEC 61034-4, IEC 61034-5, IEC 61034-6, IEC 61034-7, IEC 61034-8, IEC 61034-9, IEC 61034-10, IEC 61034-11, IEC 61034-12, IEC 61034-13, IEC 61034-14, IEC 61034-15, IEC 61034-16, IEC 61034-17, IEC 61034-18, IEC 61034-19, IEC 61034-20, IEC 61034-21, IEC 61034-22, IEC 61034-23, IEC 61034-24, IEC 61034-25, IEC 61034-26, IEC 61034-27, IEC 61034-28, IEC 61034-29, IEC 61034-30, IEC 61034-31, IEC 61034-32, IEC 61034-33, IEC 61034-34, IEC 61034-35, IEC 61034-36, IEC 61034-37, IEC 61034-38, IEC 61034-39, IEC 61034-40, IEC 61034-41, IEC 61034-42, IEC 61034-43, IEC 61034-44, IEC 61034-45, IEC 61034-46, IEC 61034-47, IEC 61034-48, IEC 61034-49, IEC 61034-50, IEC 61034-51, IEC 61034-52, IEC 61034-53, IEC 61034-54, IEC 61034-55, IEC 61034-56, IEC 61034-57, IEC 61034-58, IEC 61034-59, IEC 61034-60, IEC 61034-61, IEC 61034-62, IEC 61034-63, IEC 61034-64, IEC 61034-65, IEC 61034-66, IEC 61034-67, IEC 61034-68, IEC 61034-69, IEC 61034-70, IEC 61034-71, IEC 61034-72, IEC 61034-73, IEC 61034-74, IEC 61034-75, IEC 61034-76, IEC 61034-77, IEC 61034-78, IEC 61034-79, IEC 61034-80, IEC 61034-81, IEC 61034-82, IEC 61034-83, IEC 61034-84, IEC 61034-85, IEC 61034-86, IEC 61034-87, IEC 61034-88, IEC 61034-89, IEC 61034-90, IEC 61034-91, IEC 61034-92, IEC 61034-93, IEC 61034-94, IEC 61034-95, IEC 61034-96, IEC 61034-97, IEC 61034-98, IEC 61034-99, IEC 61034-100
Technische Eigenschaften / Technical Properties Hersteller: ASSMANN Electronic GmbH Modellnummer: DK-1623-VH-1 Material: PVC Farbe: Lila Länge: 100 m Durchmesser: 10 mm Gewicht: 0,5 kg Temperaturbereich: -20°C bis +75°C Flammverhalten: LSZH Abschirmung: Keine Biegehalbwertsradius: 10 mm Zugkraft: 10 N Bruchdehnung: 100% Vibration: 10 m/s² Stoßbelastung: 10 m/s Schwingung: 10 m/s² Temperaturzyklen: 10°C bis +75°C Feuchtigkeit: 95% Salzkrusten: 10 mg/cm² Korrosion: 10 mg/cm² UV-Strahlung: 10 mW/cm² Mechanische Belastung: 10 N Elektrische Belastung: 10 V Magnetische Felder: 10 mT Elektromagnetische Interferenz: 10 V/m Radiostörungen: 10 dBm Funkwellen: 10 dBm Infrarotstrahlung: 10 mW/cm² Ultraschall: 10 mW/cm² Röntgenstrahlung: 10 mSv/h Gammastrahlung: 10 mSv/h Neutronen: 10 mSv/h Alphastrahlung: 10 mSv/h Betastrahlung: 10 mSv/h Gammastrahlung: 10 mSv/h Neutronen: 10 mSv/h Alphastrahlung: 10 mSv/h Betastrahlung: 10 mSv/h	Mechanische Eigenschaften / Mechanical Properties Zugkraft: 10 N Bruchdehnung: 100% Vibration: 10 m/s² Stoßbelastung: 10 m/s Schwingung: 10 m/s² Temperaturzyklen: 10°C bis +75°C Feuchtigkeit: 95% Salzkrusten: 10 mg/cm² Korrosion: 10 mg/cm² UV-Strahlung: 10 mW/cm² Mechanische Belastung: 10 N Elektrische Belastung: 10 V Magnetische Felder: 10 mT Elektromagnetische Interferenz: 10 V/m Radiostörungen: 10 dBm Funkwellen: 10 dBm Infrarotstrahlung: 10 mW/cm² Ultraschall: 10 mW/cm² Röntgenstrahlung: 10 mSv/h Gammastrahlung: 10 mSv/h Neutronen: 10 mSv/h Alphastrahlung: 10 mSv/h Betastrahlung: 10 mSv/h

DIGITUS

Leistungsmerkmale / Transmission Properties

10BASE-T	100BASE-TX	1000BASE-T	10GBASE-T	10GBASE-KR	10GBASE-SR	10GBASE-LR	10GBASE-ER
10	100	1000	10000	10000	10000	10000	10000
10	100	1000	10000	10000	10000	10000	10000
10	100	1000	10000	10000	10000	10000	10000
10	100	1000	10000	10000	10000	10000	10000
10	100	1000	10000	10000	10000	10000	10000
10	100	1000	10000	10000	10000	10000	10000
10	100	1000	10000	10000	10000	10000	10000
10	100	1000	10000	10000	10000	10000	10000
10	100	1000	10000	10000	10000	10000	10000
10	100	1000	10000	10000	10000	10000	10000

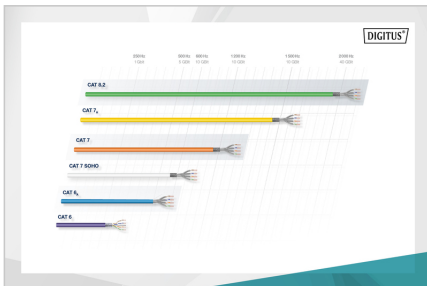
Intertek

ETL Verified Category 6 Customers Number: 1615281007-0010

Intertek

ETL Verified Category 6 Customers Number: 1615281007-0010

Intertek



DIGITUS

CEP-Bestimmungen / CE Marking Requirements

Druckdruckverfahren / Printing Process

Leistungsmerkmale / Transmission Properties

Abgleich der verbleibenden Maße / Adjustment of remaining dimensions

Zusammenfassung / Summary

CEP-Bestimmungen: C_{ca}, s1a, d1, a1



Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

ASSMANN Electronic GmbH
 Auf dem Schüffel 3
 Lüdenscheid, Germany
<https://www.assmann.com>
info@assmann.com