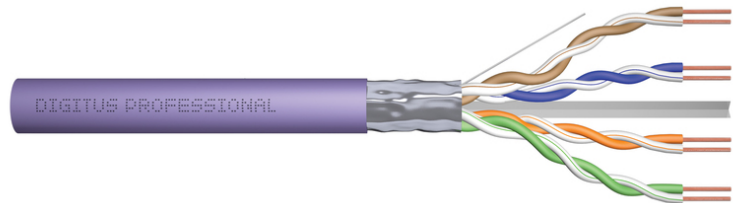


DIGITUS Cat.6 F/UTP installation cable, 305 m, simplex, Eca

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

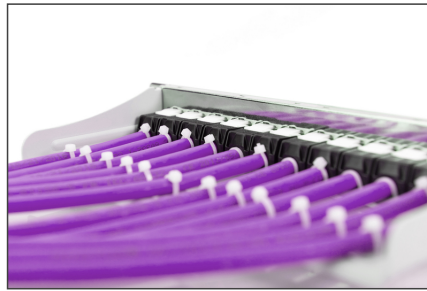
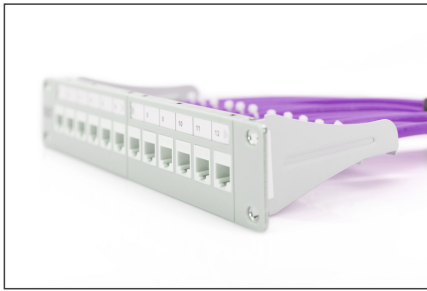
- Operating temperature range: -20 °C up to +75 °C
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter: 7.0 mm nominal
- Flame retardancy: IEC 60332-1
- Halogen-free & smoke-proof: IEC 60754-2 & IEC 61034
- Fire load: 295 Mj/km
- Electrical properties:
- Mean impedance: 100±50ohm at 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%

Attributes

- 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 ³
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

AWG 23/1 | 250 MHz | 1 Gbit Ethernet | CAT 6 | 20°/1.75° | 6 | LSZH | E_{ca} CPR class

CAT 6 F/UTP Installation Cable, 305 m, Simplex, E_{ca}

DIGITUS

DK.1623-VH-305 // CAT 6 F/UTP Installation Cable, 305m, Simplex, E_{ca}

Anwendungsbereich
Example of use

DIGITUS

DK.1623-VH-305 // CAT 6 F/UTP Installation Cable, 305m, Simplex, E_{ca}

Kabelquerschnitt
Cable cross section

Adressierte Datenpaar | Unadressierte Total strand | Cu-Drht | Cu-Drht | Adressierte Totalpaar

DIGITUS

Produktdaten Product Information	Physikalische Spezifikationen Physical Properties
Bezeichnung DK.1623-VH-305 Artikelnummer 1623-VH-305 Hersteller DIGITUS Material PVC Materialnummer 1623-VH-305 Materialname CAT 6 F/UTP Installation Cable, 305m, Simplex, E _{ca}	Leiter 25 Leiterschicht 25 Leiterschichtdicke 0,125 mm Leiterschichtmaterial Cu-Drht Leiterschichtmaterialnummer 1623-VH-305 Leiterschichtmaterialname CAT 6 F/UTP Installation Cable, 305m, Simplex, E _{ca}
Standard EN 50173-1 Standardnummer EN 50173-1 Standardname EN 50173-1 Standardmaterialnummer EN 50173-1 Standardmaterialname EN 50173-1	Leiterschichtdicke 0,125 mm Leiterschichtmaterial Cu-Drht Leiterschichtmaterialnummer 1623-VH-305 Leiterschichtmaterialname CAT 6 F/UTP Installation Cable, 305m, Simplex, E _{ca}

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Leistungspegel-Tabelle

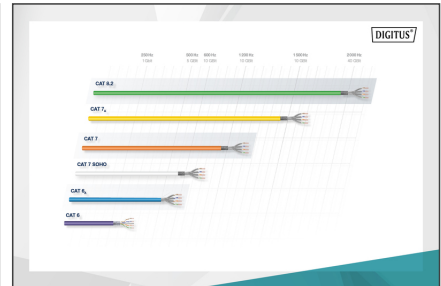
AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG
1	24	24	24	24	24	24	24	24	24
1	14	14	14	14	14	14	14	14	14
1	12	12	12	12	12	12	12	12	12
1	10	10	10	10	10	10	10	10	10
1	8	8	8	8	8	8	8	8	8
1	6	6	6	6	6	6	6	6	6
1	4	4	4	4	4	4	4	4	4
1	2	2	2	2	2	2	2	2	2

Intertek

ETL Verifier Certificate of Conformance Number: 16110268-CRT-016

ETL Verifier certifies that the product described herein conforms to the applicable requirements of the applicable standard(s) listed below.

Standard(s) EN 50173-1, EN 50173-2, EN 50173-3, EN 50173-4, EN 50173-5, EN 50173-6, EN 50173-7, EN 50173-8, EN 50173-9, EN 50173-10, EN 50173-11, EN 50173-12, EN 50173-13, EN 50173-14, EN 50173-15, EN 50173-16, EN 50173-17, EN 50173-18, EN 50173-19, EN 50173-20, EN 50173-21, EN 50173-22, EN 50173-23, EN 50173-24, EN 50173-25, EN 50173-26, EN 50173-27, EN 50173-28, EN 50173-29, EN 50173-30, EN 50173-31, EN 50173-32, EN 50173-33, EN 50173-34, EN 50173-35, EN 50173-36, EN 50173-37, EN 50173-38, EN 50173-39, EN 50173-40, EN 50173-41, EN 50173-42, EN 50173-43, EN 50173-44, EN 50173-45, EN 50173-46, EN 50173-47, EN 50173-48, EN 50173-49, EN 50173-50, EN 50173-51, EN 50173-52, EN 50173-53, EN 50173-54, EN 50173-55, EN 50173-56, EN 50173-57, EN 50173-58, EN 50173-59, EN 50173-60, EN 50173-61, EN 50173-62, EN 50173-63, EN 50173-64, EN 50173-65, EN 50173-66, EN 50173-67, EN 50173-68, EN 50173-69, EN 50173-70, EN 50173-71, EN 50173-72, EN 50173-73, EN 50173-74, EN 50173-75, EN 50173-76, EN 50173-77, EN 50173-78, EN 50173-79, EN 50173-80, EN 50173-81, EN 50173-82, EN 50173-83, EN 50173-84, EN 50173-85, EN 50173-86, EN 50173-87, EN 50173-88, EN 50173-89, EN 50173-90, EN 50173-91, EN 50173-92, EN 50173-93, EN 50173-94, EN 50173-95, EN 50173-96, EN 50173-97, EN 50173-98, EN 50173-99, EN 50173-100.



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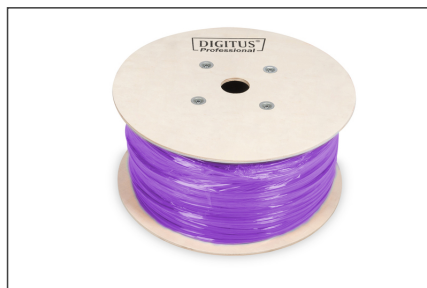
CEP Konformität

Bestandteile B2_{ca}, C_{ca}, D_{ca}, E_{ca}, C_{ca}, s1a, d1, a1

Leistungspegel-Tabelle

Adressierte Datenpaar

Zusätzliche Informationen



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
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