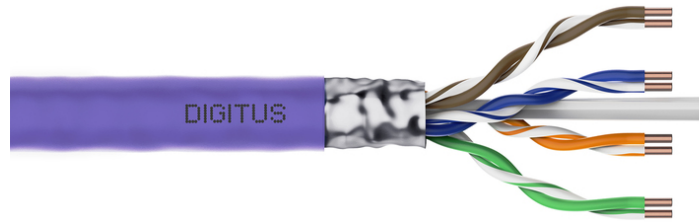


DIGITUS® CAT 6 F/UTP installation cable, 305 m, simplex, Cca

DK-1625-VH-305

EAN 4016032442028



CAT 6 F-UTP installation cable, 250 MHz Cca (EN 50575), AWG 23/1, 305 m drum,

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±50Ωm at 1MHz - 600MHz
- Capacitance: 48 pF/m nominal @ 800 Hz
- Capacitance unbalance (pair-ground): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 5 GΩm x km min.
- DC loop resistance: 147 Ωm/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: Cca
- 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)	cm³
Packaging Unit Carton	1	18.39	37.00	37.00	31.00	42,439.00
Packaging Unit Inside	1	18.39	0.00	0.00	0.00	0.00
Packaging Unit Single	1	18.39	37.00	37.00	31.00	42,439.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



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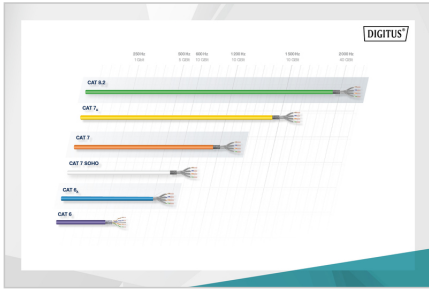
CRP-Bewertung
 BZca Sehr hoch über High
 Cca Hoch High
 Dca Mittel Medium
 Eca Gering Low

Leitungsübertragungsfähigkeit (20°C)
 Leistungsfähigkeit (Performance) 1+

Anzahl der verdrillten Paare
 Anzahl der verdrillten Paare 3

Zusätzliche Eigenschaften
 S Abschirmung
 d Abschirmung
 a Abschirmung

Produktcode
 Cca s1a d1 a1



Intertek

ETL-Verified Certificate of Conformance Number: 16112024302-0116

Intertek

ETL-Verified Certificate of Conformance Number: 16112024302-0116

Product Name: CAT 6 F/UTP Installation Cable, 305m, Simplex, Eca

Model: DK-1623-VH-305

Manufacturer: ASSMANN Electronic GmbH

Location: Lüdenscheld, Germany

Country: Germany

Compliance: CE, RoHS, REACH, WEEE, 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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Leitungsübertragungsfähigkeit Transmission Properties

PROB	MTT	NEXT	PSNEXT	ACR	PSACR	IL	REJECT	PSREJECT
1	48	48	48	48	48	48	48	48
2	51	51	51	51	51	51	51	51
3	54	54	54	54	54	54	54	54
4	57	57	57	57	57	57	57	57
5	60	60	60	60	60	60	60	60
6	63	63	63	63	63	63	63	63
7	66	66	66	66	66	66	66	66
8	69	69	69	69	69	69	69	69
9	72	72	72	72	72	72	72	72
10	75	75	75	75	75	75	75	75
11	78	78	78	78	78	78	78	78
12	81	81	81	81	81	81	81	81
13	84	84	84	84	84	84	84	84
14	87	87	87	87	87	87	87	87
15	90	90	90	90	90	90	90	90
16	93	93	93	93	93	93	93	93
17	96	96	96	96	96	96	96	96
18	99	99	99	99	99	99	99	99
19	102	102	102	102	102	102	102	102
20	105	105	105	105	105	105	105	105
21	108	108	108	108	108	108	108	108
22	111	111	111	111	111	111	111	111
23	114	114	114	114	114	114	114	114
24	117	117	117	117	117	117	117	117
25	120	120	120	120	120	120	120	120
26	123	123	123	123	123	123	123	123
27	126	126	126	126	126	126	126	126
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32	141	141	141	141	141	141	141	141
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41	168	168	168	168	168	168	168	168
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66	243	243	243	243	243	243	243	243
67	246	246	246	246	246	246	246	246
68	249	249	249	249	249	249	249	249
69	252	252	252	252	252	252	252	252
70	255	255	255	255	255	255	255	255
71	258	258	258	258	258	258	258	258
72	261	261	261	261	261	261	261	261
73	264	264	264	264	264	264	264	264
74	267	267	267	267	267	267	267	267
75	270	270	270	270	270	270	270	270
76	273	273	273	273	273	273	273	273
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85	300	300	300	300	300	300	300	300
86	303	303	303	303	303	303	303	303
87	306	306	306	306	306	306	306	306
88	309	309	309	309	309	309	309	309
89	312	312	312	312	312	312	312	312
90	315	315	315	315	315	315	315	315
91	318	318	318	318	318	318	318	318
92	321	321	321	321	321	321	321	321
93	324	324	324	324	324	324	324	324
94	327	327	327	327	327	327	327	327
95	330	330	330	330	330	330	330	330
96	333	333	333	333	333	333	333	333
97	336	336	336	336	336	336	336	336
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99	342	342	342	342	342	342	342	342
100	345	345	345	345	345	345	345	345

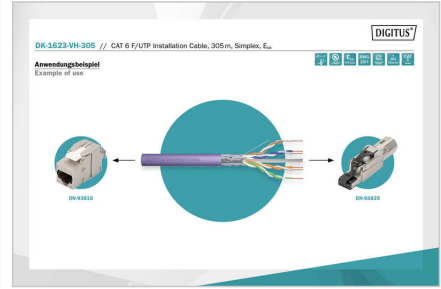
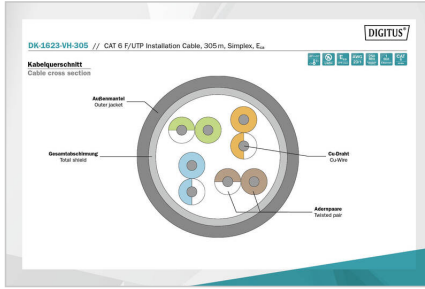
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Produktkennzeichnung / Product Identification

Produktbeschreibung / Product Description

Technische Spezifikationen / Technical Specifications

Mechanische Eigenschaften / Mechanical Properties



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AWG 23/1

250 MHz

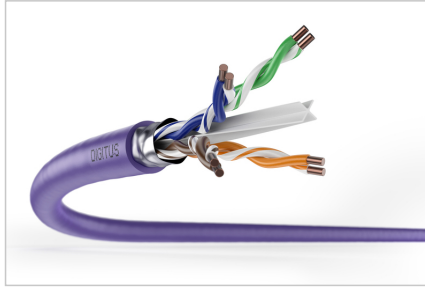
1 Gbit Ethernet

CAT 6 (305 m)

LSZH

Eca Class

CAT 6 F/UTP Installation Cable, 305 m, Simplex, Eca



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 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
 Lüdenscheld, Germany
<https://www.assmann.com>
info@assmann.com