

DIGITUS® CAT 6A U/FTP installation cable, 305 m, simplex, B2ca

DK-1626-A-VH-305
EAN 4016032441830



CAT 6A U-FTP installation cable, 500 MHz B2ca (EN 50575), AWG 23/1, 305 m drum,

The Digitus® Cat.6A U/FTP installation cable is characterized by the following cable construction 4x2x AWG23/1 and reaches a transmission frequency up to 500 MHz. The halogen free cable jacket is conform to the standard IEC 60332-1, FRNC-B, LSZH-1 and CPR Euro class B2ca . The cable is suitable for building structured cabling in the secondary and tertiary area. Compliant with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-10-1.

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

- Physical properties:
- Conductor: Bare copper wire, AWG 23/1
- System(s) for the assessment and verification of constancy of performance: System 3
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: Aluminum-laminated polyester film, covers 100%
- Outer sheath: Eca to B2ca in accordance with EN 50575; LSZH
- Outer sheath thickness (nominal): 0.5 mm (Eca); 0.6 mm (Dca); 0.8 mm (Cca); 0.8 mm (B2ca)
- Outer casing color: Light blue (RAL 5012)
- Mechanical properties:
- Strain relief: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +60 °C

- Operating temperature range: -20 °C to +75 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter: 7.0 mm (Eca); 7.2 mm (Dca); 7.6 mm (Cca); 7.6 mm (B2ca)
- Weight (kg/km): 56 kg (Eca); 57 kg (Dca); 58 (Cca); 58 kg (B2ca)
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 100MHz; 100±25 Ohm @ 100-500 MHz;
- Capacitance: 45 pF/m nominal @ 1KHz
- Capacitance unbalance (pair-earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- Loop resistance: 190 Ohm/km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling attenuation: CA-Type 2
- Phase delay: 450 nS/100 m max.
- Time delay: 25 nS/100 m max.
- Separation class: "c" according to EN 50174-2
- NVP: 70%

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6A
- Shielding: U-FTP, pairs in metal foil
- CPR: B2ca
- Length: 305 m
- Color: light-blue
- 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	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:

Leitungsparameter Transmission Properties									
AWG	AWG	AWG	TP/ISO	AWG	TP/ISO	AWG	TP/ISO	AWG	TP/ISO
1	22	24	26	28	30	32	34	36	38
16	18	20	22	24	26	28	30	32	34
20	22	24	26	28	30	32	34	36	38
24	26	28	30	32	34	36	38	40	42
28	30	32	34	36	38	40	42	44	46
32	34	36	38	40	42	44	46	48	50
36	38	40	42	44	46	48	50	52	54
40	42	44	46	48	50	52	54	56	58
44	46	48	50	52	54	56	58	60	62
48	50	52	54	56	58	60	62	64	66
52	54	56	58	60	62	64	66	68	70
56	58	60	62	64	66	68	70	72	74
60	62	64	66	68	70	72	74	76	78
64	66	68	70	72	74	76	78	80	82
68	70	72	74	76	78	80	82	84	86
72	74	76	78	80	82	84	86	88	90
76	78	80	82	84	86	88	90	92	94
80	82	84	86	88	90	92	94	96	98
84	86	88	90	92	94	96	98	100	102
88	90	92	94	96	98	100	102	104	106
92	94	96	98	100	102	104	106	108	110
96	98	100	102	104	106	108	110	112	114
100	102	104	106	108	110	112	114	116	118
104	106	108	110	112	114	116	118	120	122
108	110	112	114	116	118	120	122	124	126
112	114	116	118	120	122	124	126	128	130
116	118	120	122	124	126	128	130	132	134
120	122	124	126	128	130	132	134	136	138
124	126	128	130	132	134	136	138	140	142
128	130	132	134	136	138	140	142	144	146
132	134	136	138	140	142	144	146	148	150
136	138	140	142	144	146	148	150	152	154
140	142	144	146	148	150	152	154	156	158
144	146	148	150	152	154	156	158	160	162
148	150	152	154	156	158	160	162	164	166
152	154	156	158	160	162	164	166	168	170
156	158	160	162	164	166	168	170	172	174
160	162	164	166	168	170	172	174	176	178
164	166	168	170	172	174	176	178	180	182
168	170	172	174	176	178	180	182	184	186
172	174	176	178	180	182	184	186	188	190
176	178	180	182	184	186	188	190	192	194
180	182	184	186	188	190	192	194	196	198
184	186	188	190	192	194	196	198	200	202
188	190	192	194	196	198	200	202	204	206
192	194	196	198	200	202	204	206	208	210
196	198	200	202	204	206	208	210	212	214
200	202	204	206	208	210	212	214	216	218
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208	210	212	214	216	218	220	222	224	226
212	214	216	218	220	222	224	226	228	230
216	218	220	222	224	226	228	230	232	234
220	222	224	226	228	230	232	234	236	238
224	226	228	230	232	234	236	238	240	242
228	230	232	234	236	238	240	242	244	246
232	234	236	238	240	242	244	246	248	250
236	238	240	242	244	246	248	250	252	254
240	242	244	246	248	250	252	254	256	258
244	246	248	250	252	254	256	258	260	262
248	250	252	254	256	258	260	262	264	266
252	254	256	258	260	262	264	266	268	270
256	258	260	262	264	266	268	270	272	274
260	262	264	266	268	270	272	274	276	278
264	266	268	270	272	274	276	278	280	282
268	270	272	274	276	278	280	282	284	286
272	274	276	278	280	282	284	286	288	290
276	278	280	282	284	286	288	290	292	294
280	282	284	286	288	290	292	294	296	298
284	286	288	290	292	294	296	298	300	302
288	290	292	294	296	298	300	302	304	306
292	294	296	298	300	302	304	306	308	310
296	298	300	302	304	306	308	310	312	314
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304	306	308	310	312	314	316	318	320	322
308	310	312	314	316	318	320	322	324	326
312	314	316	318	320	322	324	326	328	330
316	318	320	322	324	326	328	330	332	334
320	322	324	326	328	330	332	334	336	338
324	326	328	330	332	334	336	338	340	342
328	330	332	334	336	338	340	342	344	346
332	334	336	338	340	342	344	346	348	350
336	338	340	342	344	346	348	350	352	354
340	342	344	346	348	350	352	354	356	358
344	346	348	350	352	354	356	358	360	362
348	350	352	354	356	358	360	362	364	366
352	354	356	358	360	362	364	366	368	370
356	358	360	362	364	366	368	370	372	374
360	362	364	366	368	370	372	374	376	378
364	366	368	370	372	374	376	378	380	382
368	370	372	374	376	378	380	382	384	386
372	374	376	378	380	382	384	386	388	390
376	378	380	382	384	386	388	390	392	394
380	382	384	386	388	390	392	394	396	398
384	386	388	390	392	394	396	398	400	402
388	390	392	394	396	398	400	402	404	406
392	394	396	398	400	402	404	406	408	410
396	398	400	402	404	406	408	410	412	414
400	402	404	406	408	410	412	414	416	418
404	406	408	410	412	414	416	418	420	422
408	410	412	414	416	418	420	422	424	426
412	414	416	418	420	422	424	426	428	430
416	418	420	422	424	426	428	430	432	434
420	422	424	426	428	430	432	434	436	438
424	426	428	430	432	434	436	438	440	442
428	430	432	434	436	438	440	442	444	446
432	434	436	438	440	442	444	446	448	450
436	438	440	442	444	446	448	450	452	454
440	442	444	446	448	450	452	454	456	458
444	446	448	450	452	454	456	458	460	462
448	450	452	454	456	458	460	462	464	466
452	454	456	458	460	462	464	466	468	470
456	458	460	462	464	466	468	470	472	474
460	462	464	466	468	470	472	474	476	478
464	466	468	470	472	474	476	478	480	482
468	470	472	474	476	478	480	482	484	486
472	474	476	478	480	482	484	486	488	490
476	478	480	482	484	486	488	490	492	494
480	482	484	486	488	490	492	494	496	498
484	486	488	490	492	494	496	498	500	502
488	490	492	494	496	498	500	502	504	506
492	494	496	498	500	502	504	506	508	510
496	498	500	502	504	506	508	510	512	514
500	502	504	506	508	510	512	514	516	518
504	506	508	510	512	514	516	518	520	522
508	510	512	514	516	518	520	522	524	526
512	514	516	518	520	522	524	526	528	530
516	518	520	522	524	526	528	530	532	