



Draka



UC Data Cable - a fast, reliable and ubiquitous part of the Draka Office Network Solution

Electrical properties

Transmission performance	EMC properties	Mechanical properties
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UC300 26 Cat.5e U/UTP

Patch Cable

	MHz	1	10	100	250	300	Impedance Ω	100 ± 5	Fire protection characteristics****			
Attenuation**	dB	0,3	0,9	3,0	4,4	4,8	Loop resistance Ω/km	≤ 260	Overall diameter mm	5,2		
NEXT	dB	71,0	56,0	41,0	35,0	34,0	NVP*** %	ca. 67	Weight kg/km	25		
PS-NEXT	dB	68,0	53,0	38,0	32,0	31,0	Capacitance	nF/km nom. 48	Fire load MJ/km	324		
PS-ELFEXT	dB	65,0	45,0	25,0	17,0	13,0			Bending radius			
									with load	8xD		
									without load	4xD		
									Tensile force	N 55		

Transmission performance	EMC properties	Mechanical properties
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UC300 24 Cat.5e U/UTP

Installation Cable

	MHz	1	10	100	250	300	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation*	dB	1,9	6,0	19,8	29,2	32,0	Loop resistance Ω/km	≤ 165	Overall diameter mm	5,0
NEXT	dB	71,0	56,0	41,0	35,0	34,0	NVP*** %	ca. 67	Weight kg/km	35
PS-NEXT	dB	68,0	53,0	38,0	32,0	31,0	Capacitance	nF/km nom. 48	Fire load MJ/km	336
ACR	dB	69,1	50,0	21,2	5,8	2,0			Bending radius	
PS-ACR	dB	63,1	47,0	18,2	2,8	-1,2			with load	8xD
PS-ELFEXT	dB	65,0	45,0	25,0	17,0	13,0			without load	4xD
									Tensile force	N 100

Transmission performance	EMC properties	Mechanical properties
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UC300 S24 Cat.5e F/UTP

Installation Cable

	MHz	1	10	100	250	300	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation*	dB	1,9	6,0	19,8	29,2	32,0	Loop resistance Ω/km	≤ 190	Overall diameter mm	5,9
NEXT	dB	71,0	56,0	41,0	35,0	34,0	NVP*** %	ca. 67	Weight kg/km	37
PS-NEXT	dB	68,0	53,0	38,0	32,0	31,0	Capacitance	nF/km nom. 48	Fire load MJ/km	396
ACR	dB	69,1	50,0	21,2	5,8	1,8	Kopplungswiderstand	mΩ/m	Bending radius	
PS-ACR	dB	66,1	47,0	18,2	2,8	-1,2	bei 1 MHz	50	with load	8xD
PS-ELFEXT	dB	65,0	45,0	25,0	17,0	13,0	bei 10 MHz	100	without load	4xD
							bei 30 MHz	200	Tensile force	N 80

Transmission performance	EMC properties	Mechanical properties
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UC300 HS24 Cat.5e SF/UTP

Installation Cable

	MHz	1	10	100	250	300	Impedance Ω	100 ± 5	Fire protection characteristics****		
Attenuation*	dB	1,9	6,0	19,8	29,2	32,0	Loop resistance Ω/km	≤ 190	Overall diameter mm	6,4	
NEXT	dB	71,0	56,0	41,0	35,0	34,0	NVP*** %	ca. 67	Weight kg/km	47	
PS-NEXT	dB	68,0	53,0	38,0	32,0	31,0	Capacitance	nF/km nom. 48	Fire load MJ/km	433	
ACR	dB	69,1	50,0	21,2	5,8	2,0	Kopplungswiderstand	mΩ/m	Bending radius		
PS-ACR	dB	66,1	47,0	18,2	2,8	-1,0	bei 1 MHz	20	with load	8xD	
PS-ELFEXT	dB	65,0	45,0	25,0	17,0	13,0	bei 10 MHz	20	without load	4xD	
Duplex Cable available on request.							bei 30 MHz	30	Tensile force		N 120
							bei 100 MHz	60			

Duplex Cable available on request.

Transmission performance	EMC properties	Mechanical properties
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UC400 26 Cat.6 U/UTP Patch Cable

	MHz	1	10	100	250	300	400	Impedance Ω	100 ± 5	Fire protection characteristics****		
Attenuation**	dB	0,30	0,90	3,00	4,90	5,20	6,00	Loop resistance Ω/km	≤ 195	Overall diameter mm	5,6	
NEXT	dB	74,0	60,0	45,0	39,0	38,0	37,0	NVP*** %	ca. 67	Weight kg/km	34	
PS-NEXT	dB	71,0	56,0	42,0	36,0	35,0	34,0	Capacitance	nF/km nom. 52	Fire load MJ/km	342	
PS-ELFEXT	dB	66,0	46,0	26,0	19,0	18,0	17,0				Bending radius	
							with load				8xD	
							without load				4xD	
							Tensile force				N 70	

Transmission performance	EMC properties	Mechanical properties
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UC400 S27 Cat.6 U/FTP Patch Cable

	MHz	1	10	100	250	300	400	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation*	dB	0,3	1,0	3,3	5,1	5,6	6,5	Loop resistance Ω/km	≤ 340	Overall diameter mm	5,7
NEXT	dB	87,0	72,0	57,0	51,0	50,0	48,0	NVP*** %	ca. 79	Weight kg/km	26
PS-NEXT	dB	84,0	69,0	54,0	48,0	47,0	45,0	Capacitance	nF/km nom. 43	Fire load MJ/km	342
PS-ELFEXT	dB	72,0	72,0	52,0	44,0	42,0	40,0	Kopplungswiderstand	mΩ/m	Bending radius	
								bei 1 MHz	50	with load	8xD
								bei 10 MHz	100	without load	4xD
								bei 30 MHz	200	Tensile force	N 70

Transmission performance	EMC properties	Mechanical properties
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UC400 23 Cat.6 U/UTP Installation Cable

	MHz	1	10	100	250	300	400	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation*	dB	1,9	5,6	19,0	32,0	36,0	42,0	Loop resistance Ω/km	≤ 176	Overall diameter mm	6,2
NEXT	dB	81,0	74,0	48,0	44,0	41,0	39,0	NVP*** %	ca. 68	Weight kg/km	40
PS-NEXT	dB	78,0	71,0	45,0	41,0	38,0	36,0	Capacitance	nF/km nom. 48	Fire load MJ/km	329
ACR	dB	79,0	68,0	29,0	12,0	5,0	-3,0			Bending radius	
PS-ACR	dB	76,0	65,0	26,0	9,0	2,0	-6,0			with load	8xD
PS-ELFEXT	dB	79,0	59,0	39,0	31,0	29,0	27,0			without load	4xD
										Tensile force	N 100

Transmission performance	EMC properties	Mechanical properties
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UC400 S23 Cat.6 U/FTP Installation Cable

	MHz	1	10	100	250	300	400	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation*	dB	1,8	5,4	17,4	28,8	30,9	38,3	Loop resistance Ω/km	≤ 145	Overall diameter mm	7,3
NEXT	dB	100	100	100	90	89	87	NVP*** %	ca. 75	Weight kg/km	45
PS-NEXT	dB	97	97	97	97	86	84	Capacitance	nF/km nom. 45	Fire load MJ/km	542
ACR	dB	98	95	83	62	58	48	Kopplungswiderstand	mΩ/m	Bending radius	
PS-ACR	dB	95	92	80	59	55	45	bei 1 MHz	50	with load	8xD
PS-ELFEXT	dB	102	94	74	66	64	61	bei 10 MHz	100	without load	4xD
								bei 100 MHz	1000	Tensile force	N 100

* Nominal value measured at 100 m (Velocity of Propagation) | ** Nominal value Patch Cable measured at 10 m |
 *** NVP = Nominal | **** LSOH

Electrical properties

Transmission performance	EMC properties	Mechanical properties
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UC500 S27 Cat.6_A U/FTP

Patch Cable

	MHz	1	10	100	250	300	400	500	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation**	dB	0,3	1,0	3,3	5,1	5,6	6,5	7,3	Loop resistance Ω/km	≤ 340	Overall diameter mm	5,7
NEXT	dB	87,0	72,0	57,0	51,0	50,0	48,0	46,0	NVP*** %	ca. 79	Weight kg/km	26
PS-NEXT	dB	84,0	69,0	54,0	48,0	47,0	45,0	43,0	Capacitance	nF/km nom. 43	Fire load MJ/km	342
PS-ELFEXT	dB	72,0	72,0	52,0	44,0	42,0	40,0	37,0	Kopplungswiderstand	mΩ/m	Bending radius	
									bei 1 MHz	50	with load	8xD
									bei 10 MHz	100	without load	4xD
									bei 30 MHz	200	Tensile force	N 50

Transmission performance	EMC properties	Mechanical properties
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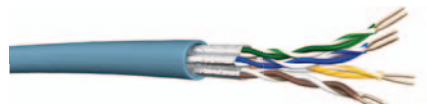


UC500 23 Cat.6_A U/UTP

Installation Cable

	MHz	1	10	100	250	300	400	500	Impedance Ω	100 ± 5	Fire protection characteristics****		
Attenuation**	dB	2,0	5,9	19,0	31,1	34,2	40,0	45,3	Loop resistance Ω/km	≤ 145	Overall diameter mm	8,9	
NEXT	dB	75,3	60,3	45,3	39,3	38,1	36,3	34,8	NVP*** %	ca. 67	Weight kg/km	73	
PS-NEXT	dB	72,3	57,3	42,3	36,3	35,1	33,3	31,8	Capacitance	nF/km nom. 48	Fire load MJ/km	1075	
PS-ELFEXT	dB	65,0	45,0	25,0	17,0	15,5	13,0	11,0			Bending radius		
												with load	8xD
												without load	4xD
												Tensile force	N 100

Transmission performance	EMC properties	Mechanical properties
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UC500 S23 Cat.6_A U/FTP

Installation Cable

	MHz	1	10	100	250	300	400	500	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation**	dB	1,8	5,4	17,4	28,1	30,9	38,3	44,8	Loop resistance Ω/km	≤ 176	Overall diameter mm	6,9
NEXT	dB	100,0	100,0	100,0	90,0	89,0	87,0	85,0	NVP*** %	ca. 79	Weight kg/km	45
PS-NEXT	dB	97,0	97,0	97,0	87,0	86,0	84,0	82,0	Capacitance	nF/km nom. 45	Fire load MJ/km	493
ACR	dB	98,0	95,0	83,0	62,0	58,0	48,0	40,0	Kopplungswiderstand	mΩ/m	Bending radius	
PS-ACR	dB	95,0	92,0	80,0	59,0	55,0	45,0	37,0	bei 1 MHz	≤ 50	with load	8xD
PS-ELFEXT	dB	102,0	94,0	74,0	66,0	64,0	61,0	58,0	bei 10 MHz	≤ 100	without load	4xD
									bei 30 MHz	1000	Tensile force	N 100

Transmission performance	EMC properties	Mechanical properties
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UC500 AS23 Cat.6_A F/FTP

Installation Cable

	MHz	1	10	100	250	300	400	500	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation**	dB	1,8	5,4	17,4	28,1	30,9	38,3	44,8	Loop resistance Ω/km	≤ 176	Overall diameter mm	7,1
NEXT	dB	100,0	100,0	100,0	90,0	89,0	87,0	85,0	NVP*** %	ca. 79	Weight kg/km	47
PS-NEXT	dB	97,0	97,0	97,0	87,0	86,0	84,0	82,0	Capacitance	nF/km nom. 43	Fire load MJ/km	501
ACR	dB	98,0	95,0	83,0	62,0	58,0	48,0	40,0	Kopplungswiderstand	mΩ/m	Bending radius	
PS-ACR	dB	95,0	92,0	80,0	59,0	55,0	45,0	37,0	bei 1 MHz	20	with load	8xD
PS-ELFEXT	dB	102,0	94,0	74,0	66,0	64,0	61,0	58,0	bei 10 MHz	50	without load	4xD
									bei 30 MHz	100	Tensile force	N 100

Transmission performance	EMC properties	Mechanical properties
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UC900 SS27 Cat.7 S/FTP

Patch Cable

	MHz	1	10	100	250	300	450	600	1000	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation**	dB	0,3	1,0	3,2	5,1	5,6	6,9	7,9	10,2	Loop resistance Ω/km	≤ 340	Overall diameter mm	5,9
NEXT	dB	90,0	90,0	87,0	81,0	80,0	77,0	75,0	71,0	NVP*** %	ca. 79	Weight kg/km	39
PS-NEXT	dB	87,0	87,0	84,0	78,0	77,0	74,0	72,0	68,0	Capacitance	nF/km nom. 43	Fire load MJ/km	349
PS-ELFEXT	dB	77,0	77,0	57,0	49,0	47,0	44,0	41,0	37,0	Kopplungswiderstand	mΩ/m	Bending radius	
										bei 1 MHz	25	with load	8xD
										bei 10 MHz	15	without load	4xD
										bei 30 MHz	30	Tensile force	N 100

Transmission performance	EMC properties	Mechanical properties
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UC900 HS23 Cat.7 S/FTP

Installation Cable

	MHz	1	10	100	250	300	450	600	1000	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation**	dB	1,8	5,4	17,4	28,1	30,9	38,3	44,8	63,1	Loop resistance Ω/km	≤ 165	Overall diameter mm	7,4
NEXT	dB	100,0	100,0	100,0	90,0	89,0	87,0	85,0	80,0	NVP*** %	ca. 79	Weight kg/km	54,5
PS-NEXT	dB	97,0	97,0	97,0	87,0	86,0	84,0	82,0	77,0	Capacitance	nF/km nom. 43	Fire load MJ/km	590
ACR	dB	98,0	95,0	83,0	62,0	58,0	48,0	40,0	17,0	Kopplungswiderstand	mΩ/m	Bending radius	
PS-ACR	dB	95,0	92,0	80,0	59,0	55,0	45,0	37,0	14,0	bei 1 MHz	20	with load	8xD
PS-ELFEXT	dB	105,0	94,0	74,0	66,0	64,0	61,0	58,0	54,0	bei 10 MHz	30	without load	4xD
										bei 100 MHz	200	Tensile force	N 110

Transmission performance	EMC properties	Mechanical properties
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UC900 SS23 Cat.7 S/FTP

Installation Cable

	MHz	1	10	100	250	300	450	600	1000	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation**	dB	1,8	5,4	17,4	28,1	30,9	38,3	44,8	63,1	Loop resistance Ω/km	≤ 150	Overall diameter mm	7,5
NEXT	dB	100,0	100,0	100,0	90,0	89,0	87,0	85,0	80,0	NVP*** %	ca. 79	Weight kg/km	75
PS-NEXT	dB	97,0	97,0	97,0	87,0	86,0	84,0	82,0	77,0	Capacitance	nF/km nom. 43	Fire load MJ/km	585
ACR	dB	98,0	95,0	83,0	62,0	58,0	48,0	40,0	17,0	Kopplungswiderstand	mΩ/m	Bending radius	
PS-ACR	dB	95,0	92,0	80,0	59,0	55,0	45,0	37,0	14,0	bei 1 MHz	5	with load	8xD
PS-ELFEXT	dB	105,0	94,0	74,0	66,0	64,0	61,0	58,0	54,0	bei 10 MHz	5	without load	4xD
										bei 100 MHz	20	Tensile force	N 340

Electrical properties

Transmission performance	EMC properties	Mechanical properties
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UC1200 SS23 Cat.7_A S/FTP

Installation Cable

	MHz	1	10	100	250	300	600	1000	1200	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation**	dB	1,8	5,4	17,4	28,1	30,9	44,8	58,4	65,2	Loop resistance Ω/km	≤ 133	Overall diameter mm	7,8
NEXT	dB	100,0	100,0	100,0	90,0	87,0	85,0	82,0	82,0	NVP*** %	ca. 79	Weight kg/km	65
PS-NEXT	dB	97,0	97,0	97,0	87,0	86,0	82,0	79,0	79,0	Capacitance	nF/km nom. 44	Fire load MJ/km	589
ACR	dB	98,0	95,0	83,0	87,0	86,0	40,0	24,0	17,0	Kopplungswiderstand	mΩ/m	Bending radius	
PS-ACR	dB	95,0	92,0	80,0	59,0	55,0	37,0	21,0	14,0	bei 1 MHz	5	with load	8xD
PS-ELFEXT	dB	105,0	94,0	74,0	66,0	64,0	58,0	54,0	40,0	bei 10 MHz	5	without load	4xD
										bei 100 MHz	20	Tensile force	N 100

Transmission performance	EMC properties	Mechanical properties
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UC1500 SS22 Cat.7_A S/FTP

Installation Cable

	MHz	1	10	100	250	600	1000	1200	1400	1500	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation**	dB	1,7	5,1	16,3	25,8	40,2	52,1	57,1	61,3	64,1	Loop resistance Ω/km	≤ 128	Overall diameter mm	7,9
NEXT	dB	100	100	100	90	85	83	83	81	80	NVP*** %	ca. 79	Weight kg/km	81
ACR	dB	98	95	83	64	45	31	26	21	16	Capacitance	nF/km nom. 43	Fire load MJ/km	642
PS-NEXT	dB	97	97	97	87	82	80	80	78	77	Kopplungswiderstand	mΩ/m	Bending radius	
PS-ACR	dB	95	92	80	61	42	28	23	18	13	bei 1 MHz	20	with load	8xD
PS-ELFEXT	dB	97	92	77	66	42	37	32	27	25	bei 10 MHz	30	without load	4xD
											bei 100 MHz	200	Tensile force	N 340

Transmission performance	EMC properties	Mechanical properties
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UC1500 HS22 Cat.7_A S/FTP

Installation Cable

	MHz	1	10	100	250	600	1000	1200	1400	1500	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation**	dB	1,7	5,1	16,3	25,8	40,2	52,1	57,1	61,3	64,1	Loop resistance Ω/km	≤ 128	Overall diameter mm	7,9
NEXT	dB	100	100	100	90	85	83	83	81	80	NVP*** %	ca. 79	Weight kg/km	81
ACR	dB	98	95	83	64	45	31	26	21	16	Capacitance	nF/km nom. 43	Fire load MJ/km	642
PS-NEXT	dB	97	97	97	87	82	80	80	78	77	Kopplungswiderstand	mΩ/m	Bending radius	
PS-ACR	dB	95	92	80	61	42	28	23	18	13	bei 1 MHz	20	with load	8xD
PS-ELFEXT	dB	97	92	77	66	42	37	32	27	25	bei 10 MHz	30	without load	4xD
											bei 100 MHz	200	Tensile force	N 340

Transmission performance	EMC properties	Mechanical properties
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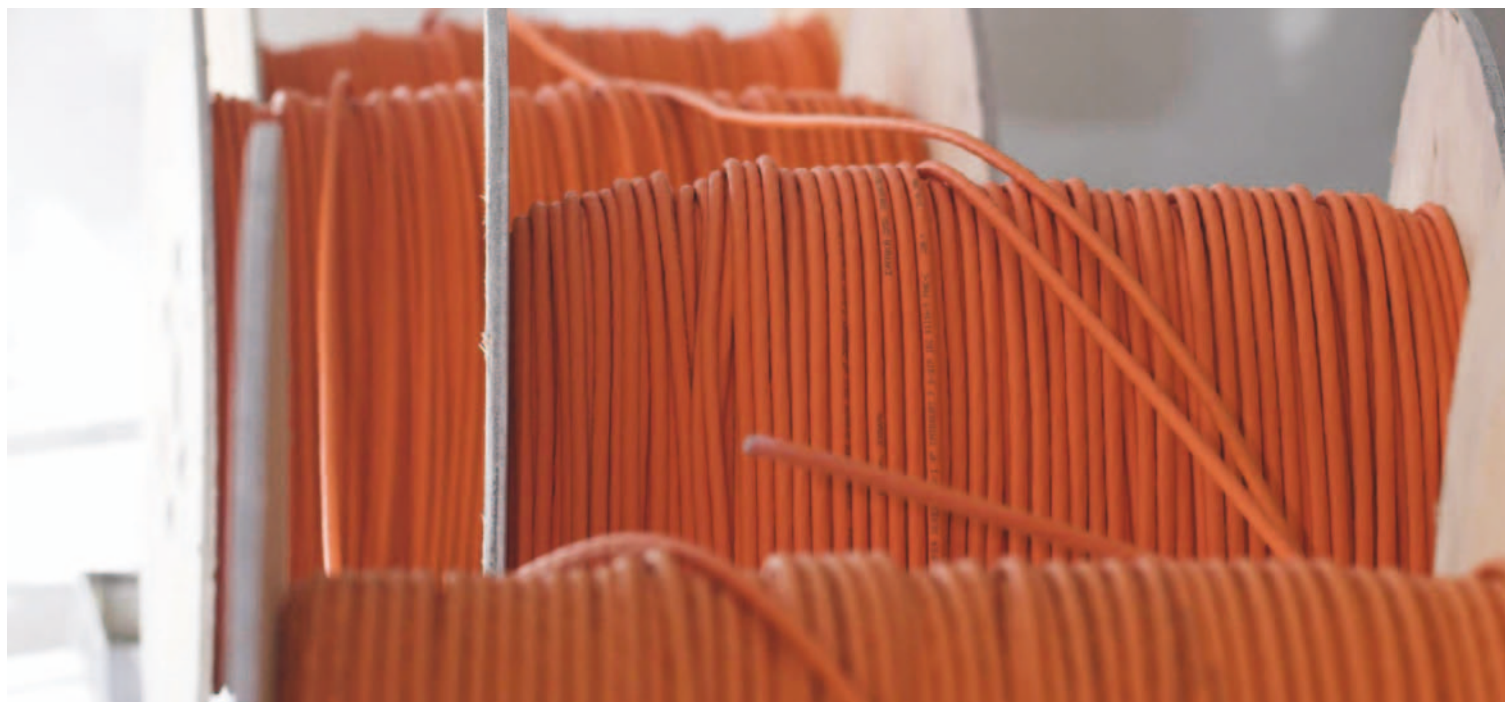


UC MULTIMEDIA 1500 SS22 6 FOILS S/FTP

Installation Cable

	MHz	1	10	100	250	600	1000	1500	Impedance Ω	100 ± 15	Fire protection characteristics****	
Attenuation**	dB	1,7	5,1	16,3	25,8	40,2	52,1	64,1	Loop resistance Ω/km	≤ 110	Overall diameter mm	8,9
NEXT	dB	115,0	115,0	110,0	105,0	100,0	96,0	94,0	NVP*** %	ca. 79	Weight kg/km	86
PS-NEXT	dB	112,0	112,0	108,0	102,0	97,0	93,0	91,0	Capacitance	nF/km nom. 43	Fire load MJ/km	746
ACR	dB	113,0	110,0	95,0	80,0	60,0	44,0	30,0	Kopplungswiderstand	mΩ/m	Bending radius	
PS-ACR	dB	110,0	107,0	92,0	77,0	57,0	41,0	27,0	bei 1 MHz	5	with load	8xD
PS-ELFEXT	dB	102,0	94,0	74,0	66,0	58,0	54,0	50,0	bei 10 MHz	5	without load	4xD
									bei 100 MHz	20	Tensile force	N 380

* Nominal value measured at 100 m (Velocity of Propagation) | ** Nominal value Patch Cable measured at 10 m |
 *** NVP = Nominal | **** LSOH

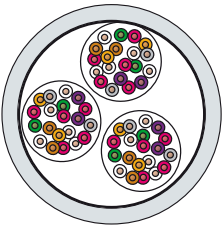


Product scope UC Data Transmission Cable

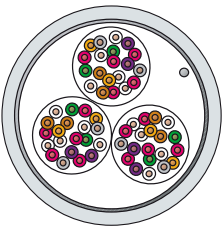
Cable type	Screening	Category	Application
UC300 24 Cat.5e U/UTP	U/UTP	Cat.5e	Installation Cable
UC300 S24 Cat.5e F/UTP	F/UTP	Cat.5e	Installation Cable
UC300 HS24 Cat.5.e SF/UTP	SF/UTP	Cat.5e	Installation Cable
UC300 26 Cat.5e U/UTP	U/UTP	Cat.5e	Patch Kabel
UC300 S26 Cat.5e F/UTP	F/UTP	Cat.5e	Patch Kabel
UC300 HS26 Cat.5e SF/UTP	SF/UTP	Cat.5e	Patch Kabel
UC400 23 Cat.6 U/UTP	U/UTP	Cat.6	Installation Cable
UC400 S23 Cat.6 U/FTP *	U/FTP	Cat.6	Installation Cable
UC400 HS23 Cat.6 S/FTP *	S/FTP	Cat.6	Installation Cable
UC400 26 Cat.6 U/UTP	U/UTP	Cat.6	Patch Kabel
UC400 S27 Cat.6 U/FTP *	U/FTP	Cat.6	Patch Kabel
UC500 23 Cat.6 _A U/UTP *	U/UTP	Cat.6 _A	Installation Cable
UC500 S23 Cat.6 _A U/FTP *	U/FTP	Cat.6 _A	Installation Cable
UC500 AS23 Cat.6 _A F/FTP *	F/FTP	Cat.6 _A	Installation Cable
UC500 27 Cat.6 _A U/UTP *	U/UTP	Cat.6 _A	Patch Kabel
UC500 S27 Cat.6 _A U/FTP *	U/FTP	Cat.6 _A	Patch Kabel
UC900 HS23 Cat.7 S/FTP	S/FTP	Cat.7	Installation Cable
UC900 SS23 Cat.7 S/FTP	S/FTP	Cat.7	Installation Cable
UC900 SS27 Cat.7 S/FTP	S/FTP	Cat.7	Patch Kabel
UC1200 SS23 Cat.7 _A S/FTP	S/FTP	Cat.7 _A	Installation Cable
UC1200 HS23 Cat.7 _A S/FTP	S/FTP	Cat.7 _A	Installation Cable
UC1500 SS22 Cat.7 _A S/FTP	S/FTP	Cat.7 _A	Installation Cable
UCUC1500 HS22 Cat.7 _A S/FTP	S/FTP	Cat.7 _A	Installation Cable
UC MULTIMEDIA 1500 SS23 6FOILS S/FTP *	S/FTP	MULTIMEDIA	Installation Cable
UC MULTIMEDIA 1500 SS22 6FOILS S/FTP *	S/FTP	MULTIMEDIA	Installation Cable

* Draka patent designs

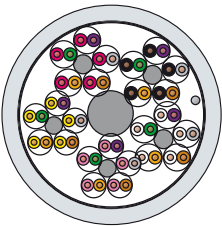
Electrical properties



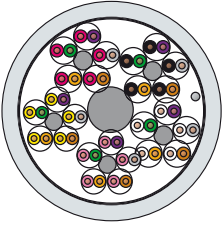
Transmission performance						EMC properties		Mechanical properties	
Multipair Kabel according to Cat.3 U/UTP J-2YY/H 25/50/100x2x0,52 (AWG24)									
	MHz	1	4	10	16	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation**	dB	26,0	56,0	98,0	131,0	Loop resistance Ω/km	≤ 186	Overall diameter mm	12,9
NEXT	dB	41,0	32,0	26,0	23,0	Capacitance	nF/km nom. 45	Weight kg/km	162
								Bending radius	
								with load	8xD
								without load	4xD
								Tensile force	N 500



Transmission performance					EMC properties			Mechanical properties	
Multipair Kabel according to Cat.3 F/UTP J-2Y(St)Y/H 25/50/100x2x0,52 (AWG24)									
	MHz	1	4	10	16	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation**	dB	26,0	56,0	98,0	131,0	Loop resistance Ω/km	≤ 186	Overall diameter mm	12,9
NEXT	dB	41,0	32,0	26,0	23,0	Capacitance	nF/km nom. 45	Weight kg/km	162
								Bending radius	
								with load	8xD
								without load	4xD
								Tensile force	N 500



Transmission performance					EMC properties			Mechanical properties	
Multipair Kabel according to Cat.5e U/UTP S-2YY/H 25/50/100x2x0,52 (AWG24)									
	MHz	1	10	100	125	Impedance Ω	100 ± 5	Fire protection characteristics****	
Attenuation**	dB	1,9	6,0	19,8	22,3	Loop resistance Ω/km	≤ 190	Overall diameter mm	15,5
NEXT	dB	71,0	56,0	41,0	40,0	NVP*** %	ca. 67	Weight kg/km	190
PS-NEXT	dB	68,0	53,0	38,0	37,0	Capacitance	nF/km nom. 48	Fire load MJ/km	2250
PS-ELFEXT	dB	65,0	45,0	25,0	23,0				Bending radius
								with load	8xD
								without load	4xD
								Tensile force	N 500



Transmission performance						EMC properties		Mechanical properties				
Multipair Kabel according to Cat.5e F/UTP S-2Y(St)Y/H 25/50/100x2x0,52 (AWG24)												
	MHz	1	10	100	125	Impedance Ω	100 ± 5	Fire protection characteristics****				
Attenuation**	dB	1,9	6,0	19,8	22,3	Loop resistance Ω/km	≤ 190	Overall diameter mm	15,5			
NEXT	dB	71,0	56,0	41,0	40,0	NVP*** %	ca. 67	Weight kg/km	190			
PS-NEXT	dB	68,0	53,0	38,0	37,0	Capacitance	nF/km nom. 48	Fire load MJ/km	2250			
PS-ELFEXT	dB	65,0	45,0	25,0	23,0				Bending radius			
									with load	8xD		
									without load	4xD		
									Tensile force	N 500		

* Nominal value measured at 100 m (Velocity of Propagation) | ** Nominal value Patch Cable measured at 10 m | *** NVP = Nominal | **** LSOH