

27.04.2024		Dämpfung /dB bei 100m Kabellänge																		www.dd1us.de	
Koaxialkabel Typ	Durchmesser /mm	Biegeradius (stat/dyn) /mm	Impedanz /Ohm	Verkürzungsfaktor v/c	Gewicht je 100m /kg	Kapazität je m /pF	10 MHz	14 MHz	28 MHz	50 MHz	100 MHz	144 MHz	435 MHz	1296 MHz	2320 MHz	5800 MHz	10000 MHz	18000 MHz	24000 MHz	Kommentar	
			50 Ohm																		
Andrew Helix 5" HJ9HP-50	132.1	1270	50	0.96	506	68.2	0.069	0.08	0.12	0.165	0.245	0.3	0.6	-	-	-	-	-	-	-	
Andrew Helix 1 5/8" LDF7-50A	49.8	203/508	50	0.88	122	75.8	0.2	0.23	0.34	0.47	0.67	0.82	1.51	2.8	4.1	-	-	-	-	-	
LMR1700	42.2	343/432	50	0.89	110	74.9			0.5	0.6		1.1	2.1	3.8	5.4	-	-	-	-	-	
Andrew Helix 1 1/4" LDF6-50	39.4	152/381	50	0.89	89	75.1	0.24	0.29	0.41	0.55	0.79	0.95	1.75	3.2	4.6	-	-	-	-	-	
LMR1200	30.5	165/305	50	0.88	67	75.8			0.7	0.9		1.6	2.8	4.9	7.1	-	-	-	-	-	
RG 20 AU	30.4		50	0.66		76	0.56				2.3				13						
RG 19 AU	28.5		50	0.66		76	0.56				2.3				13						
RG 220 U	28.45	290	50	0.66	109	101		1.1				3.8	6	11.5							
Cellflex 7/8" LCF78-50A	27.8	120/250	50	0.89	51	75	0.353	0.4	0.6	0.801	1.15	1.4	2.5	4.5	6.45	-	-	-	-	-	Power CW=6.6kW, peak=90kW @100MHz
Cellflex 7/8" UCF78-50A	27.5	90/125	50	0.88	43	76	0.38	0.45	0.65	0.86	1.23	1.5	2.7	4.8	6.7	-	-	-	-	-	
Andrew Helix 7/8" LDF 5-50A	26.2	127/254	50	0.89	49	74.8	0.37	0.45	0.63	0.83	1.19	1.43	2.6	4.7	6.6	-	-	-	-	-	Power CW=5.2kW, peak=44kW @100MHz
RG 219	24.3		50	0.66	89	101			1.5			4.4	7	13.5							
RG 18 AU	24		50	0.66		93	0.75				2.6			18							
RG 17 AU	22.1		50	0.66		93	0.75				2.6			18							
RG 218 U	22.1	230	50	0.66	68	101	0.66		1.5		3.6	4.4	7	13.5							
LMR900	22.1	76/229	50	0.87	40	76.6			0.9	1.2		2.2	3.8	6.5	9.5	16	-	-	-	-	
Cellflex 5/8" LCF58-50	21.4	90/190	50	0.88	37	76	0.5	0.6	0.86	1.14	1.64	2	3.55	6.4	9	15.5	-	-	-	-	
Cellflex 1/2" LCF12-50J	16.2	70/125	50	0.88	22	76	0.7	0.8	1.2	1.5	2.2	2.6	4.6	8.1	11.5	19	-	-	-	-	Power CW=2kW, peak=26kW @100MHz
RG 16 U	16		52	0.67		52	1.3				3.9			24							
Andrew Helix 1/2" LDF4-50A	15.9	125	50	0.88	22	75.8	0.67	0.8	1.14	1.5	2.2	2.6	4.7	8.2	11.5	19.5	-	-	-	-	
RG 74 AU	15.6		50	0.66		98.4	1.25				4.9			21							
LMR600	15	38/153	50	0.87	20	77	0.8	0.9	1.3	1.8	2.6	3.1	5.5	10	13.9	23.8	-	-	-	-	
50-12-1	15		50	0.66		100	1.7				5.5	6.5	12								aus DDR
PK61	15		50			115				3.6											aus Russland
SeaTel 15	14.6	70/150	50	0.86	26	77	0.9			2	2.8	3.4	6.1	11.4	16	27.5	-	-	-	-	wie ECOFLEX 15, SHF2 Mantel, für Marine
ECOFLEX15 FRNC	14.6	60/120	50	0.85	18.4	78	0.86			1.96	2.81	3.4	6.1	11.4	16.2	27.5	-	-	-	-	FRNC: flame retardant non corrosive
ECOFLEX15	14.6	70/150	50	0.86	26	77	0.9			2	2.8	3.4	6.1	11.4	16	27.5	-	-	-	-	
ECOFLEX15+	14.6	70/150	50	0.86	26	77	0.83			1.87	2.67	3.23	5.8	10.5	14.9	25.2	-	-	-	-	
Aircom Premium 15	14	70/140	50	0.85	16.6	78	0.7			1.46	2.4	2.77	5.23	10	14.7	26.5	37.5	-	-	-	
RG 14 AU	13.8		50	0.66		40	1.34				4.6			20							
RG 217	13.8		50	0.66	30	101		2.4				6	10	17.5							
Cellflex 1/2" SCF12-50	13.7	32	50	0.82	21	82	1	1.2	1.8	2.3	3.3	4	7.2	13	18	30	42	-	-	-	
Andrew Helix FSJ4-50R	13.5	31,7/31,7	50	0.81	21	82.7	1	1.2	1.8	2.4	3.4	4.2	7.3	13.4	19.1	34	47.9	-	-	-	bis 10.2 GHz
SUCOFLEX 526V	13	50	50	0.8										30	50	75	100	140	170		Huber & Suhner
Hyperflex13	12.7	80/127	50	0.86	17.5	75	1	1.1	1.5	2	2.8	3.6	6.4	11.7	16.6	28.7	40.5				Messi&Paoloni
UltraFlex13	12.7	80/127	50	0.83	19.3	78	0.85	1	1.46	1.93	2.81	3.5	6.18	13.2	19.3	32.3	46	-	-	-	Messi&Paoloni
Ecoflex Multicore	12.5	50/100	50	0.85	16.9	78	2.93				9.4					83	-	-	-	-	Koaxialkabel wie Aircell 5, 3x1.5mm2, 4x2
RG 215	12.5		50	0.66	24	101			3.7	4.4		8.5	15	27.5	46.5						
Broad-pro 50C Com-petition Double Jacket	12.4	80/124	50	0.85	17	74	1.2	1.39	1.93	2.5	3.6	4.4	7.8	14.1	19.8	33.3	46.8	-	-	-	
Helix LDF2-50	11.2	41/95	50	0.88	12	75.5	1.1	1.3	1.8	2.4	3.4	4.1	7.4	13.2	18.4	31	44	-	-	-	
RG 214 A/U	10.8	60/120	50	0.66	20	101	2	2.3	3.4	4.6	6.2	8.3	15.4	31.8	-	-	-	-	-	-	
RG 214 U	10.8	55/108	50	0.66	18.5	101	2.1	2.4	3.2	4.9	7.1	7.8	14.8	30	45	85	-	-	-	-	
RG 9/U	10.7		51	0.66		98	1.9				6.9	8.2	16.4	32.8							
SUCOFLEX 404 A	10.3	30/50	50	0.89	7.2	74.7								25	34	54	72	99	116		Huber & Suhner

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SUCOFLEX 126 EA	10.3	16/25	50	0.77	7										26	37	55	78	106	126	Huber & Suhner
Extraflex Bury	10.3	40/80	50	0.87	10.8	78	1.3	1.5	2	2.7	3.9	4.7	8.6	15.4	21.8	36.9	50.7				Messi&Paoloni - Direkte Erdverlegung
HyperFlex10	10.3	40/80	50	0.87	11,1	78	1,34	1,55	2,07	2,76	3,95	4,76	8,6	15,5	21,8	36,0	50,7	-	-		Messi&Paoloni
UltraFlex 10	10.3	40/80	50	0.83	13	78	1.3	1.59	2.14	2.76	3.93	4.74	8.65	16.4	23.7	43.4	-	-	-		Messi&Paoloni
NEOFLEX 10	10.3	40/80	50	0.83	13	78	1.3	1.59	2.14	2.76	3.93	4.74	8.65	16.4	23.7	43.4	-	-	-		
H2010	10.3	40/80	50	0.83	13	78	1.3	1.59	2.14	2.76	3.93	4.74	8.65	16.4	23.7	43.4	-	-	-		= Ultraflex10, NEOFLEX10
H 2000 FLEX®	10.3	50	50	0.83	14	80	1.1	1.4	2	2.7	3.9	4.8	8.5	15.7	21.8	39	54	-	-		
H 200 FLEX®	10.3	50	50	0.83	14	80				2.7	3.9	4.8	8.5	15.7							
H1001	10.3	50	50	0.8	10.3	82				3.3		5.9	10.9	18.7	26.6						
H 1000	10.3	75	50	0.83	12	80	1.3			3	4.3	5.2	9.3	18	15			-	-		
AIRBORNE 10	10.3	65/103	50	0.87	7	74	1.2	1.39	1.93	2.45	3.52	4.2	7.6	13.6	19.2	32	44.6	-	-		Messi&Paoloni
Broad-pro 50C Competition	10.3	65/103	50	0.85	13	74	1.2	1.39	1.93	2.5	3.6	4.4	7.8	14.1	19.8	33.3	46.8	-	-		Messi&Paoloni
ABOARD	10.3	65/103	50	0.87	11	74	1.2	1.39	1.93	2.45	3.52	4.2	7.6	13.6	19.2	32	44.6	-	-		Messi&Paoloni
SP3000 plus	10.3	50	50	0.83		80						5.5	10	18.8	24.5						
WBC-400	10.3	50	50	0.85	10	78.4			2.3	3		4.9	8.8	14.8	22						CommScope
CFD400-NL	10.3	25.4	50	0.85	12	76			2.3	3		5	8.9	14.8	21.2	35.5	-	-	-		ähnl. wie LMR400, Seele Aludraht verkupfert
LMR 400	10.3	25/102	50	0.85	10	78	1.3	1.5	2.2	2.9	4.4	4.9	8.8	14.8	21.4	35.9	-	-	-		wie CFD400
RG 213 U-S 100	10.3	105	50	0.66	15.5	100		2.4	3.2			5.9	10.1	21.1	ca. 42			-	-		
RG 213 U	10.3	55/155	50	0.66	15.5	101	2.2		3.1	4.4	6.2	7.9	14.8	27.5	ca. 47			-	-		= Belden 8267
50-7-2	10.3		50	0.66		100	2.8					8.5	10	17	30			-	-		aus DDR, entspricht in etwa RG213
AIRCOM PLUS	10.3	55	50	0.83	15	81	1.2			2.6	3.8	4.6	8.4	15.6	22	39.5	58.3	-	-		
URM67	10.3	50	50	0.67	16	100				3.4	6.2	7.9	16	30							
Belden 9913	10.3	102	50	0.84	15.9	81	1.6			3.3	4.6	5.3	8.9	14.8							entspricht angeblich RG-8/U
Bury-FLEX	10.3	51	50	0.82	14.9	81	2			3.6	4.9	5.6	9.8	16.5							DAVIS RF
SPUMA_400-FR-01	10.25	25/100	50	0.85	11.5	78							7	15	21	34	-	-	-		Huber&Suhner
AIRCOM Premium	10.2	41/82	50	0.85	12.9	78	1.1				3.6	4.2	8	14	19.9	34	60	-	-		starrer Aluinnenleiter verkupfert, bis12GHz
Cellflex 3/8" SCF38-50	10.2	25	50	0.82	12	82	1.3	1.6	2.1	3	4.2	5.1	9	16	22	38	52	-	-		
SeaTel 10	10.2	40	50	0.86	13.1	77	1.2					4	4.8	8.9	16.5	23.1	40	-	-	-	wie ECOFLEX 10, SHF2 Mantel, für Marine
ECOFLEX 10	10.2	40	50	0.86	13.1	77	1.2					4	4.8	8.9	16.5	23.1	40	-	-	-	max 6 GHz
ECOFLEX 10+	10.2	8x80	50	0.85	10.3	78	1.3			2.9	4.1	5	8.9	16.2	22.9	38	-	-	-		max 8 GHz
RG 8	10.2	102	50	0.68	11.4	75			2.3	3		4.9	8.9	15.7	21			-	-		= Belden 8327, 9913
H2010	10.2	40	50	0.83	12.4	78	1.1	1.5	2.1	2.8	4	4.9	8.7	15.5	24.8	-	-	-	-		vertrieben durch HFC Funktechnik Berg
Cellflex 1/4" LCF14-50J	10	40/120	50	0.83	11	80	1.3	1.6	2.1	3	4.2	5.1	9	16	22	37	50	-	-		
RG-393/U	9.9		50																		PTFE, doppelt geschirmt
H 100	9.8	150	50	0.84	11	79			2.2				5.5	9.1	16						
H 500	9.8	75	50	0.81	13.5	82	1.3			2.9	4.1	5.6	9.5	16.8	24.1						
URM102	9.7		50		20	96															max. PWR 100MHz: 1656W, 600MHz: 541W, 1GHz: 381W, 3GHz: 170W
RG 8/U	9.5	60	50	0.66	12.5	103	4	4.5	5.5	6.5	8	8.5	15								faber
URM107	9		50		19.5	96															
PK6	9		52			101					5.3				70						aus Russland
PK106	9		53			101					4.5				85						aus Russland
Andrew Heliax 1/4" LDF1-50	8.76	38/76	50	0.86	9	76.8	1.25	1.5	2.1	2.8	4	4.9	8.8	16	22	37	51	-	-		
SUCOFLEX 406	8.75	40/80	50	0.89	14.5	74.7								12	20	32	44	61	-		Huber&Suhner
RG 21 AU	8.4		50	0.66		98	1.4					4.3		15							
SUCOFLEX 406	8.35	30/60	50	0.89	14.5	74.7								12	20	32	44	61	-		Huber&Suhner
PKTØ 6	8		52			101									100						aus Russland

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SUCOFLEX SF-106	7.9	24/40	50	0.77	15.7	87							11	19	25	40	55	76	-		
Cellflex 1/4" SCF14-50	7.8	25	50	0.82	7	82	1.8	2.1	3	4.1	5.8	7.1	12	22	31	52	73	105	-		
SUCOFLEX 526S	7.7	25.4	50	0.77																Huber&Suhner	
X98 / A92829	7.4	45/100	50	0.84	11.3	79							9	16	22		48	66			
SeaTex 7	7.3	25	50	0.83	7.2	75	2.2	3.4	3.7	4.5	6.3	7.6	13.8	24.8	35	63	-	-	-	wie AIRCELL 7, SHF2 Mantel, für Marine	
AIRCELL 7	7.3	25	50	0.83	7.2	75	2.2	3.4	3.7	4.5	6.3	7.6	13.8	24.8	35	63	-	-	-		
UltraFlex7	7.3	34/68	50	0.83	6.9	75	1.9	2.2	3	4	5.8	6.9	12.3	22.3	32.3	54	-	-	-	Messi&Paoloni	
HIGHFLEXX 7	7.3	34/68	50	0.83	6.9	75	1.9	2.2	3	4	5.8	6.9	12.3	22.3	32.3	54	-	-	-	Messi&Paoloni	
H2007	7.3	35	50	0.83	8.3	75	2.2	2.3	2.8	4.5	6.3	7.6	13.6	24.9	35.6	63.5	-	-	-	vertrieben durch HFC Funktechnik Berg	
Diamond 5DQ-II	7.3		50							5		8	16	42	55					Einzelschirmung, starrer Innenl., N-Stecker für Aircell-7 passt, Dämpfung geschätzt	
RG 54	6.4		58	0.66		87	2.4				10.1				39						
TU-545	6.35		50	0.7		95						8	15		40					semi rigid	
X84 / A92328	6.35	30/100	50	0.76	10	82							16	24	33		75	104			
UT 250	6.35	3.175		0.7	15.58	95.2														semi rigid	
RG-401/U	6.35	22.2	50	0.695		95.1							16	25		60	89	157	-	semi rigid	
SUCOFLEX 550S	6.1	25.4	50	0.77																Huber&Suhner	
LMR240	6.1	19,1/63,5	50	0.84	5	79.4	2.5	3	4.2	5.7	8.1	9.7	17.1	30	40.8	66.9					
Low Loss 5056	5.6	30	50	0.82		81						11.8	19	37.2							
L45466-B14-C56	5.5		50	0.8		82				6.7	9.1	10.5	20	35						LEONI, doppelt geschirmt	
SUCOFLEX 126	5.5	16/25	50	0.77	7									26	37	55	78	106	126	Huber&Suhner	
SUCOFLEX 104PE	5.5	16/25	50	0.77	6.8	87								30	50	75	115	160	180	Huber&Suhner	
SUCOFLEX 404	5.5	25/35	50	0.89	7.2	74.7								25	34	54	72	99	116	Huber&Suhner	
SUCOFLEX SF-104	5.5	16/25	50	0.77	8.4	87							17	28	37	59	80	110	129		
ALLGON Lowloss	5.5		50	0.85									24	39							
RG 55 AU	5.5		50	0.66		97	4.3				15.7			60							
HF50-0,9/2,95 (RG58)	5.5		50		12	100				13	18	26	42	72						CFKoax2 Igu Chainflex - Schleppkettenfähig	
H155A00 AL PVC	5.4	35/60	50	0.8	3.8	84	3			6.9	9.1	10	18.5	34.5	49	84	-	-	-	Belden	
MCF-H155PE	5.4	35	50	0.8	4.8	82					9		19	32	46					Bidatong, doppelt geschirmt	
H 155 PVC / FRNC	5.4	35	50	0.81	3.9	82	3	3.4	4.9	6.5	9.3	11.2	19.8	34.9	49	74		-	-	Belden	
RG 223	5.4	25	50	0.66	6	101	4.2	6.1	7.9	11	15.4	17.6	34	60	85						
RG 223 U	5.4	30/54	50	0.66	5.5	101							34	50	76	132				Huber & Suhner	
HyperFlex5	5.4	25/50	50	0.87	4.4	74	2.6	3	4.1	5.5	8	9.6	17	30.5	42.5	72.9				Messi&Paoloni	
RG 55 U	5.3	30	53	0.66	5	94	4.3			10.2	15.7		29	60							
ENVIROFLEX 142	5	25/50	50	0.707	6	94.5							35	62	93	165	-	-	-	Huber&Suhner	
ENVIROFLEX 400	5	10/40	50	0.707	6	94.5							35	62	93	160	-	-	-	Huber&Suhner	
H2005	5	25/50	50	0.85	2.35	76	2.9	3.8	5.4	7	9.4	11	19.1	33.5	47.6	74	-	-	-	vertrieben durch HFC Funktechnik Berg	
AIRBORNE 5	5	25/50	50	0.85	2.35	76	3.45	3.98	5.42	7	9.45	11	19	34.2	47.6	74	-	-	-		
SeaTex 5	5	25/50	50	0.82	3.6	82	2.93			6.61	9.4	11.33	20	35.71	49	83	112	-	-	wie AIRCELL 5, SHF2 Mantel, für Marine	
AIRCELL 5	5	25/50	50	0.82	3.6	82	2.93			6.61	9.4	11.33	20	35.71	49	83	112	-	-		
RG 58 CU	5	25/75	50	0.66	3.7	101		6.2	8	11	15.6	17.8	33.2	64.5	100						
50-3-1	5		50	0.66		100	5				16	18	35							aus DDR, entspricht etwa RG58	
URM43	5		50		4.5	100															
URM76	5		50		4.2	100															
7806A	4.95		50	0.77																Belden (RG58)	
CNT-195-FR	4.95	12.7	50		3	79.7			6.56	8.53		14.43	25.58	47.79	62.32	97.42				Commscope	
HPF-195	4.95		50		3.07	87					11.68		22.6	38.76	56.33	106.9					

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Koaxialkabel Typ	Durchmesser /mm	Biegeradius (stat/dyn) /mm	Impedanz /Ohm	Verkürzungsfaktor v/c	Gewicht je 100m /kg	Kapazität je m /pF	10 MHz	14 MHz	28 MHz	50 MHz	100 MHz	144 MHz	435 MHz	1296 MHz	2320 MHz	5800 MHz	10000 MHz	18000 MHz	24000 MHz	Kommentar	
KX 15	4.95		50	0.659	3.6	100						23	32								
RG 400	4.95	30/75	50	0.69	7.5	94							36								
LMR200	4.95	12,7/50,8	50	0.83	3	80.3	3.3	4	5.6	7.5	10.6	12.8	22.4	39.3	53.3						
LMR195	4.95	12,7/50,8	50	0.75	3	83.3			6.5	8.4		14.6	25.5	45	60	98.1					
RG 142 AU	4.95		50	0.7		95			9	10.5	14	15	30	50							
RG 58 ALL	4.9	32	50	0.78	3.2	82				8.3	11.3		23.4	44.8							
RG 141	4.83	25	50	0.7		96.45							12.5	25.6	42						
9907	4.7	50.8	50	0.8	3.4	83.3	4.3			9.5	13.8	16.5	30.2	48							Belden (RG58A/U)
RG 29 U	4.7		53.5	0.66		94	3.9							55							
X82 / A92398	4.6	25/75	50	0.76	5.4	82								40	50		111	150			
URM108	4.5		50		5.2	94															
SUCOFLEX SF-103	4.4	13/22	50	0.77	5.3	87								34	45	72	97	133	156		
84303	4.3	50.8	50	0.7	4.5	95	3.6			8.9	12.8	15	28	53							Belden (RG303U)
RG 303 U	4.3		50	0.7	4.3	95	3.8		6.8	9.2	12.6	16.2	28.22		74	122					
SUCOFORM 141 FEP	4.1	8/40	50	0.71	4.7	92								40	60	110	153	220	270		semi rigid
ECONOFLEX 143	3.95	26	50	0.695	4.4	96.5								66	82	121	180	285			
SUCOFLEX SF-102	3.75	12/20	50	0.77	4	87								43	58	94	124	170	198		
SUCOFORM 141	3.58	8/40	50	0.71	4	92								40	60	110	153	220	270		semi rigid = Flexiform 402
Flexiform 402	3.58	8/40	50	0.71	4	92								40	60	110	153	220	270		semi rigid = SUCOFORM 141
TU-300	3.58		50	0.7		95						14	26								semi rigid
RG-402/U	3.58	Apr 17	50			96								40							semi rigid
K 02252 D	3	18/45		0.69	2.4	97								101	151	257					Huber&Suhner
RD 316	2.9		50											115							PTFE, einfach geschirmt
RG 174 AU	2.8	15/30	50	0.66	1.2	101	9.6	11.8	17	22	31	38	70				-	-	-		
50-2-1	2.8		50	0.66		100	10					33	40	70							aus DDR, entspricht in etwa RG714
CLF100	2.79		50	0.66	3.5	101			12.9	16.7		29.2	51	92	125	210	-	-	-		
LMR100A	2.79	6,4/25,4	50	0.66	1.4	101	7.4	8.7	12.4	16.7	23.7	28.6	50.9	91.1	125	210	-	-	-		
WBC-100	2.79	6.4	50	0.66	2	101			12.9	16.7		29.4	51.9	90	123						
ECONOFLEX 089	2.7	13	50	0.695	1.6	96.5	9.8							33	62	157	262	466			
LN5002 LowNoise	2.67	15 (1x)	50	0.7	1.5	94							135	300	550	-	-	-	-		
HF50-0,54L/1,6	2.6	15/60	50	0.69	1.6	100				18.8	27.4	33	61	126	-	-	-	-	-		Teflonkabel, doppelt geschirmt
RG 188 AU	2.6	15/39	50	0.69	1.7	97			17	20.5	28	32	58								
RG 316-U12	2.6	20/-	50	0.69		94							74	179	290	630	-	-	-		PTFE cable, double shielded, Huber&Suhner
RG 174 U	2.55	15/40	50	0.66	1.1	101			17	20.5	29	34	60								=Belden 8216
KX 3B	2.54		50	0.659	1	100	11						61								
SUCOFORM 86 FEP	2.5	6/20	50	0.71	1.8	95	6	7	10	14	20	25	43	70	110	170	239	339	404		semi rigid
G 02232 D	2.5	15/30	50	0.66	2.1	101								99	150	257	-	-	-		Huber&Suhner
KX 22A	2.49		50	69.5	1.7	95	10						55								
RG 316 U	2.49	15/75	50	0.69	1.6	97			17				33	54	98	140					
RG 316	2.49	15/??	50	0.7	1.81	94	8.2	10	17	19.2	27	33	55	96	132						Kusch
TU-165	2.19		50	0.7		95						25	42		110						semi rigid
MULTIFLEX 86	2.65	6/20	50	0.706	2.1	95									112	193	256	356	421		Huber&Suhner
RG-405/U	2.2	3.2	50	0.695	1.9	105							43	75	120	190					semi rigid, vermutlich wie SUCOFORM 86
SUCOFORM 86	2.1	6/20	50	0.71		95	6	7	10	14	20	25	43	70	110	170	239	339	404		semi rigid
LN5001 LowNoise	2.0	10	50	0.70	3.5	105							150	300	500	-	-	-	-		
RG 196 AU	1.83	10/27	50	0.69	0.9	97			27	32	43	52	96								bis 205°C
RG 178 BU	1.81	10/27	50	0.69	1.1	97			22	30	42	60	90								

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KX 21	1.8		50	0.695	1	105	16.5						96			-	-	-	-	Datenquelle Coaxtherm
URM110	1.8		50		1	92														
Kapton 311-KAP50S-RAD	1.45		50			120														Hochtemperaturfest bus 300 Grad C
PK19						115						23.6			160					aus Russland
PK119						115						23.6			160					aus Russland
PKTØ 19						105						23.6			160					aus Russland
PK55						110						19.4			136					aus Russland
PK159						110						19.4			136					aus Russland
PKTØ 29						106						19.4			136					aus Russland
PK29						110									112					aus Russland
PK129						110									112					aus Russland
PK28						115									100					aus Russland
PK128						115									100					aus Russland
PKTØ 47						106						11.8			88					aus Russland
PK147						115						13.2			100					aus Russland
PK47						115						13.2			100					aus Russland
PK48						115						9			60					aus Russland
PK148						115						9			60					aus Russland
PKTØ 48						106						9.7			72					aus Russland
			<b>60 Ohm</b>																	
60-10-1			60	0.66		85	1.9				5.5	7	12.5							aus DDR
60-10-2			60	0.66		85	1.7				4.9	6	11.5							aus DDR
60-7-1	8.8		60	0.66		85	2.5				8	10	17							aus DDR
60-7-2	8.8		60	0.66		85	2.1		4	5	7	8.8	15.7							aus DDR
4-S 60	7	60	60	0.77	5.9	75			4	5	7	9	17.2							
2YCY1	6.8		60	0.66					4				66							
3-S 60	6		60	0.66																
3 V 60	6	40	60	0.66	4.9	85					10		21.7	38						
			<b>70 Ohm</b>																	
URM39	7.85		70		8.5	75														
			<b>75 Ohm</b>																	
RG 35	24		75	0.66		67	0.78				2.8			16						
RG 164	22.1		75	0.66		67	1		1.5		3.3		7.9	15						= UR77
RG 34	16		75	0.66		67	1		2.7		4.3		13	21						
RG 12	12.5		75	0.66					4.6				18							
RG412	12		75	0.87		50	0.7			2.1	3	3.6	6.5	11						
RG 216	10.8		75	0.66					4				18							
RG 11 A/U	10.3	50	75	0.66	14.4	67	2.3	2.6	4	5.5	7.5	9.2	17.2	30						
URM57	10.3		75		15.8	67														
URM65	10.3		75		15.3	67														
75110-af	10		75																	
PRG 11 CU Foam	9.8	100	75	0.85	9.1	52	1.2			2.5	3.7		8	14.8	24					
H-43	9.8		75	0.85						2.5			8							
RG 6 AU	8.4		75	0.66		66	2.55		4.9		9.5		22	39						
URM54	8.3		75		10	67														
CX 5 S	6.8	35	75	0.8	4	55				5.1		12		24						

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Koaxialkabel Typ	Durchmesser /mm	Biegeradius (stat/dyn) /mm	Impedanz /Ohm	Verkürzungsfaktor v/c	Gewicht je 100m /kg	Kapazität je m /pF	10 MHz	14 MHz	28 MHz	50 MHz	100 MHz	144 MHz	435 MHz	1296 MHz	2320 MHz	5800 MHz	10000 MHz	18000 MHz	24000 MHz	Kommentar		
SAT 90	6.8	35	75	0.8	5.5	55					6.3		13	23.7								
WF100	6.55	80	75	0.81	4.7	55	1.8			4.6	6.5	7.9	15	24	32.9						webro	
RG 50	6.2		75			69						11.6	30									
RG 59	6.15	30	75	0.66	5.7	67	2.8	4	5.6	7.8	11.5	14	25	33.6							=UR90	
URM90	6		75		5.2	67																
URM70	5.8		75		4.8	67																
URM106	5.25		75		6.4	63																
KTR 141-75	4.1	8	75	0.7	4.8	65							26	44	70	120	175	262			semi rigid	
HSR-141-75	3.58	12.5	75	0.7		63.5							25	43	65	100	145	210	240		semi rigid	
RG 187 AU	2.65	15/40	75	0.69	1.6	63			18	17	24	28	52								bis 205°C	
RG 179 B/U	2.54	15/38	75	0.69	1.6	63	10.2		15	17	24	28	52	95								
URM111	2.45		75		1.8	63																
621-100	1.6		75	0.8									13									
			<b>93 Ohm</b>																			
RG 62 A/U	6.2	37	93	0.83	6.5	42	6	6.5	8	9.6	12	14	21								faber	
RG 71 B/U	6.2	37	93	0.83	5.2	42.5	4.5	5.5	7	10	13	15	33								faber	
RG 195	3.8		95	0.7					14				57									
RG 180	3.7		95	0.7					14				57									
			<b>100 Ohm</b>																			
DRM68	6.75		100		6.2	52																
			<b>125 Ohm</b>																			
RG 63	10.3		125	0.85		34.5			3.5			6.9	13.5									
URM64	10.3		125		13	32																
AMC-62 Modified 125 Ohm	6.15	31	125	0.88	4.6	32.2				8.2	12.3										Commscope	
			<b>35 Ohm</b>																			
RG 83 U	10.3		35	0.66		144	2.6				9.1			33								

Leider kann ich keine Fehlerfreiheit garantieren ! Kommentare, Korrektur- und Ergänzungsvorschläge bitte an Matthias DD1US Email: dd1us@amsat.org www.dd1us.de