

SCHWARZBECK MESS - ELEKTRONIK

An der Klinge 29 D-69250 Schönau Tel.: 06228/1001 Fax.: (49)6228/1003

LOGBICON Hochleistungs Breitband-Antenne VULB 9166

LOGBICON High Power Broadband Antenna VULB 9166

Frequency	Distance	lambda	Attenuat.	Gain(Isotr.)	Gain,dipole	Ant.-Factor
MHz	m	m	dB	dBi	dBd	dB/m
25.00	6.00	12.00	29.56	-6.80	-8.95	4.98
30.00	6.00	10.00	29.02	-5.74	-7.89	5.50
35.00	6.00	8.57	30.91	-6.01	-8.16	7.11
40.00	6.00	7.50	31.75	-5.85	-8.00	8.11
45.00	6.00	6.67	29.62	-4.28	-6.43	7.56
50.00	6.00	6.00	26.49	-2.25	-4.40	6.45
55.00	6.00	5.45	32.86	-5.02	-7.17	10.05
60.00	6.00	5.00	26.11	-1.27	-3.42	7.05
65.00	6.00	4.62	26.10	-0.92	-3.07	7.40
70.00	6.00	4.29	23.60	0.65	-1.50	6.47
75.00	6.00	4.00	24.30	0.60	-1.55	7.12
80.00	6.00	3.75	25.08	0.49	-1.66	7.79
85.00	6.00	3.53	27.05	-0.23	-2.38	9.04
90.00	6.00	3.33	28.14	-0.53	-2.68	9.83
95.00	6.00	3.16	28.34	-0.39	-2.54	10.16
100.00	6.00	3.00	27.89	0.06	-2.09	10.16
110.00	6.00	2.73	27.00	0.92	-1.23	10.13
120.00	6.00	2.50	27.75	0.92	-1.23	10.88
125.00	6.00	2.40	27.88	1.03	-1.12	11.13
130.00	6.00	2.31	27.66	1.31	-0.84	11.19
140.00	6.00	2.14	28.51	1.21	-0.94	11.93
150.00	6.00	2.00	30.15	0.69	-1.46	13.05
160.00	6.00	1.88	33.20	-0.56	-2.71	14.86
170.00	6.00	1.76	30.87	0.87	-1.28	13.96
175.00	6.00	1.71	26.37	3.25	1.10	11.83
180.00	6.00	1.67	24.88	4.12	1.96	11.21
190.00	5.91	1.58	24.42	4.51	2.36	11.28
200.00	5.83	1.50	25.54	4.12	1.97	12.12
210.00	5.76	1.43	25.88	4.11	1.95	12.56
220.00	5.69	1.36	23.45	5.47	3.32	11.60
225.00	5.66	1.33	22.07	6.24	4.09	11.03
230.00	5.63	1.30	21.98	6.35	4.20	11.10
240.00	5.58	1.25	21.07	6.95	4.80	10.87
250.00	5.53	1.20	20.48	7.38	5.23	10.79
260.00	5.48	1.15	21.27	7.12	4.97	11.40
270.00	5.43	1.11	22.15	6.81	4.66	12.04
275.00	5.41	1.09	22.42	6.74	4.59	12.27
280.00	5.39	1.07	22.71	6.66	4.51	12.51
290.00	5.36	1.03	23.00	6.63	4.48	12.83
300.00	5.32	1.00	22.73	6.89	4.74	12.87
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MHz	m	m	dB	dBi	dBd	dB/m
300.00	5.32	1.00	22.73	6.89	4.74	12.87
325.00	5.24	0.92	23.11	6.98	4.83	13.48
350.00	5.18	0.86	22.95	7.33	5.18	13.77
375.00	5.12	0.80	23.59	7.26	5.11	14.44
400.00	5.07	0.75	24.01	7.28	5.13	14.98
425.00	5.02	0.71	24.53	7.25	5.10	15.54
450.00	4.98	0.67	25.38	7.04	4.89	16.25
475.00	4.95	0.63	26.02	6.92	4.77	16.83
500.00	4.92	0.60	26.70	6.78	4.63	17.42
525.00	4.89	0.57	26.47	7.08	4.93	17.55
550.00	4.86	0.55	26.65	7.17	5.01	17.86
575.00	4.84	0.52	26.72	7.30	5.15	18.11
600.00	4.81	0.50	27.95	6.85	4.70	18.93
625.00	4.79	0.48	29.17	6.40	4.25	19.74
650.00	4.77	0.46	28.84	6.72	4.57	19.76
675.00	4.76	0.44	29.58	6.50	4.35	20.31
700.00	4.74	0.43	29.29	6.79	4.63	20.34
750.00	4.71	0.40	30.04	6.68	4.53	21.04
800.00	4.69	0.38	30.78	6.57	4.42	21.71
850.00	4.66	0.35	31.27	6.57	4.42	22.24
900.00	4.64	0.33	31.67	6.60	4.45	22.71
950.00	4.63	0.32	32.42	6.44	4.29	23.33
1000.00	4.61	0.30	32.45	6.63	4.48	23.59
1050.00	4.60	0.29	33.48	6.32	4.17	24.33
1100.00	4.58	0.27	34.30	6.10	3.94	24.95
1150.00	4.57	0.26	35.65	5.60	3.45	25.83
1200.00	4.56	0.25	35.40	5.90	3.75	25.90
1250.00	4.55	0.24	35.79	5.87	3.72	26.28
1300.00	4.54	0.23	36.27	5.80	3.64	26.70
1350.00	4.53	0.22	37.55	5.31	3.16	27.52
1400.00	4.52	0.21	38.90	4.79	2.64	28.36
1450.00	4.52	0.21	38.53	5.12	2.97	28.33
1500.00	4.51	0.20	38.07	5.49	3.34	28.25
1550.00	4.50	0.19	40.08	4.62	2.47	29.41
1600.00	4.50	0.19	42.56	3.51	1.36	30.79
1650.00	4.49	0.18	43.26	3.29	1.14	31.28
1700.00	4.48	0.18	45.73	2.18	0.03	32.65
1750.00	4.48	0.17	44.33	3.00	0.85	32.08
1800.00	4.47	0.17	43.48	3.54	1.39	31.78
1850.00	4.47	0.16	43.68	3.56	1.40	32.01
1900.00	4.47	0.16	44.95	3.03	0.88	32.76
1950.00	4.46	0.15	49.66	0.79	-1.36	35.23
2000.00	4.46	0.15	51.23	0.11	-2.04	36.13
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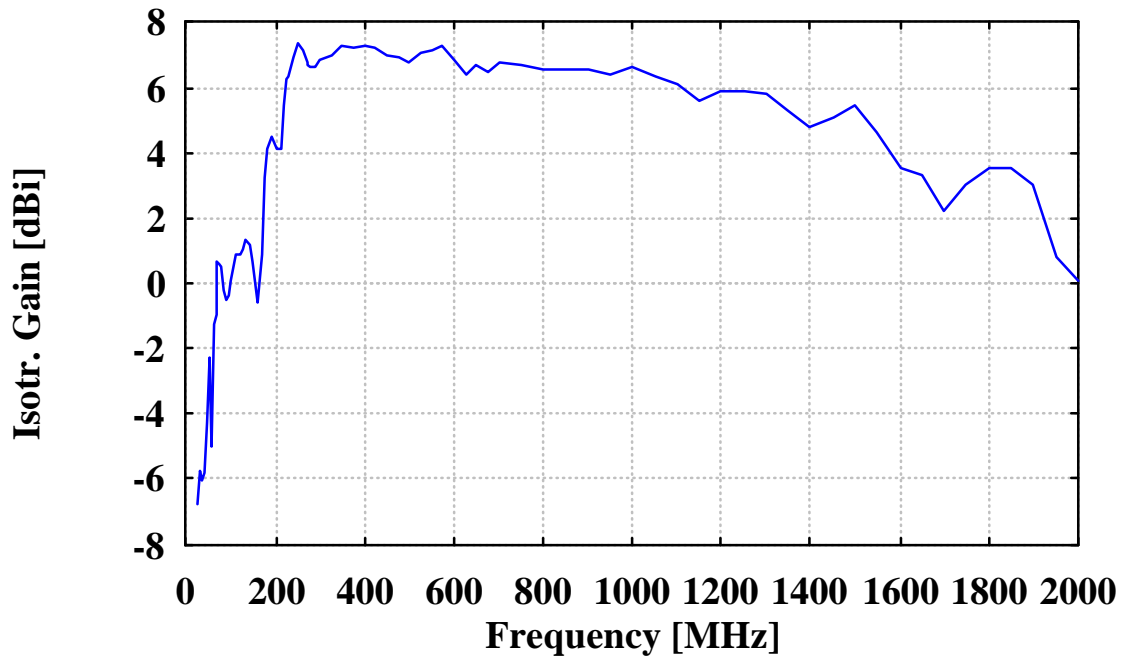
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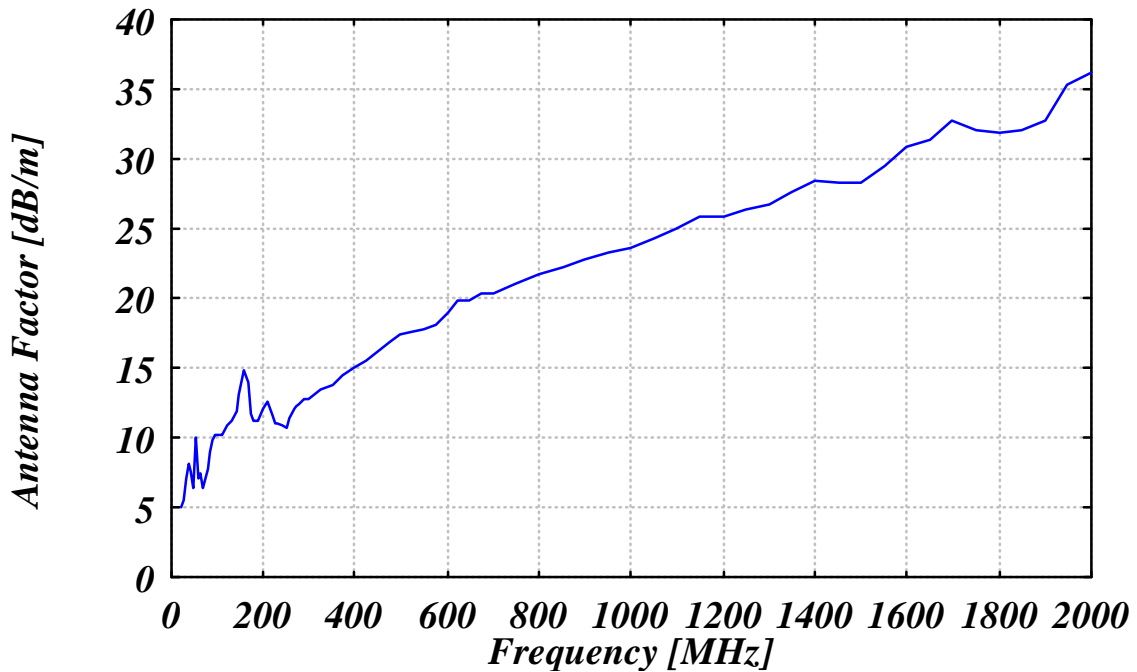
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Isotropic Gain



Antenna Factor



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