

SCHWARZBECK MESS - ELEKTRONIK

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

Logarithmisch Periodische Breitbandantenne VULP 9118 G

Logarithmic Periodic Broadband Antenna VULP 9118 G

45...1500 MHz, 1 kW

Frequency	Distance	lambda	Attenuat.	Gain(Isotr.)	Gain, dipole	Ant.-Factor
MHz	m	m	dB	dBi	dBd	dB/m
35.00	7.11	8.57	36.90	-8.27	-10.42	9.37
40.00	7.11	7.50	24.70	-1.59	-3.74	3.85
42.00	7.11	7.14	21.20	0.37	-1.78	2.31
45.00	7.11	6.67	17.94	2.30	0.15	0.98
50.00	6.62	6.00	16.96	2.94	0.79	1.26
55.00	6.21	5.45	14.50	4.31	2.16	0.72
60.00	5.87	5.00	12.41	5.49	3.34	0.30
70.00	5.34	4.29	12.90	5.50	3.35	1.62
80.00	4.95	3.75	12.60	5.90	3.74	2.39
90.00	4.64	3.33	13.39	5.73	3.58	3.57
100.00	4.39	3.00	13.92	5.69	3.54	4.53
110.00	4.19	2.73	13.05	6.33	4.18	4.72
120.00	4.02	2.50	13.69	6.21	4.06	5.59
130.00	3.88	2.31	13.77	6.36	4.21	6.14
140.00	3.76	2.14	13.62	6.62	4.47	6.52
150.00	3.65	2.00	14.33	6.44	4.29	7.30
160.00	3.56	1.88	14.56	6.49	4.34	7.81
170.00	3.48	1.76	14.81	6.53	4.38	8.30
180.00	3.40	1.67	15.35	6.42	4.27	8.91
190.00	3.34	1.58	16.06	6.21	4.06	9.58
200.00	3.28	1.50	16.19	6.29	4.14	9.95
210.00	3.23	1.43	16.13	6.47	4.31	10.20
220.00	3.18	1.36	16.25	6.54	4.39	10.53
230.00	3.13	1.30	16.59	6.50	4.35	10.95
240.00	3.09	1.25	16.97	6.44	4.29	11.38
250.00	3.06	1.20	17.13	6.49	4.34	11.69
260.00	3.02	1.15	17.34	6.51	4.35	12.01
270.00	2.99	1.11	17.65	6.47	4.32	12.38
280.00	2.96	1.07	17.86	6.48	4.33	12.68
300.00	2.91	1.00	18.43	6.41	4.26	13.35
325.00	2.85	0.92	19.11	6.34	4.19	14.12
350.00	2.80	0.86	19.45	6.41	4.26	14.69
375.00	2.76	0.80	20.07	6.34	4.19	15.36
400.00	2.72	0.75	20.23	6.48	4.33	15.78
425.00	2.69	0.71	20.91	6.35	4.20	16.44
450.00	2.66	0.67	21.42	6.29	4.14	16.99
475.00	2.64	0.63	21.86	6.27	4.12	17.49
500.00	2.61	0.60	22.19	6.29	4.14	17.91
550.00	2.57	0.55	22.70	6.38	4.23	18.65
600.00	2.54	0.50	23.60	6.25	4.10	19.54
Frequency	Distance	lambda	Attenuat.	Gain(Isotr.)	Gain, dipole	Ant.-Factor
MHz	m	m	dB	dBi	dBd	dB/m



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MHz	m	m	dB	dBi	dBd	dB/m
600.00	2.54	0.50	23.60	6.25	4.10	19.54
650.00	2.51	0.46	24.10	6.30	4.15	20.18
700.00	2.49	0.43	24.60	6.33	4.17	20.80
750.00	2.46	0.40	24.90	6.44	4.29	21.28
800.00	2.45	0.38	26.00	6.14	3.98	22.15
850.00	2.43	0.35	26.10	6.32	4.17	22.49
900.00	2.41	0.33	26.60	6.29	4.14	23.01
950.00	2.40	0.32	27.40	6.10	3.95	23.67
1000.00	2.39	0.30	27.50	6.25	4.10	23.97
1100.00	2.37	0.27	29.10	5.83	3.68	25.22
1200.00	2.35	0.25	30.10	5.68	3.53	26.12
1300.00	2.34	0.23	31.40	5.35	3.20	27.15
1400.00	2.33	0.21	33.20	4.75	2.60	28.39
1500.00	2.32	0.20	33.40	4.93	2.78	28.81

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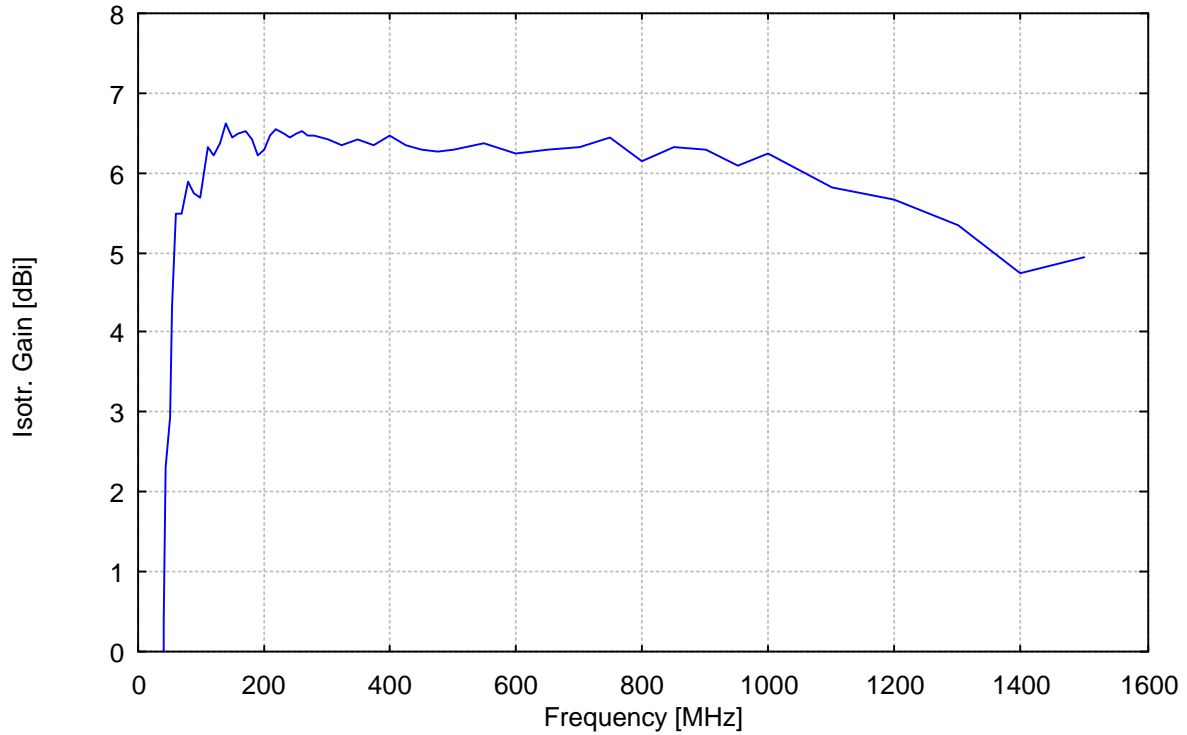
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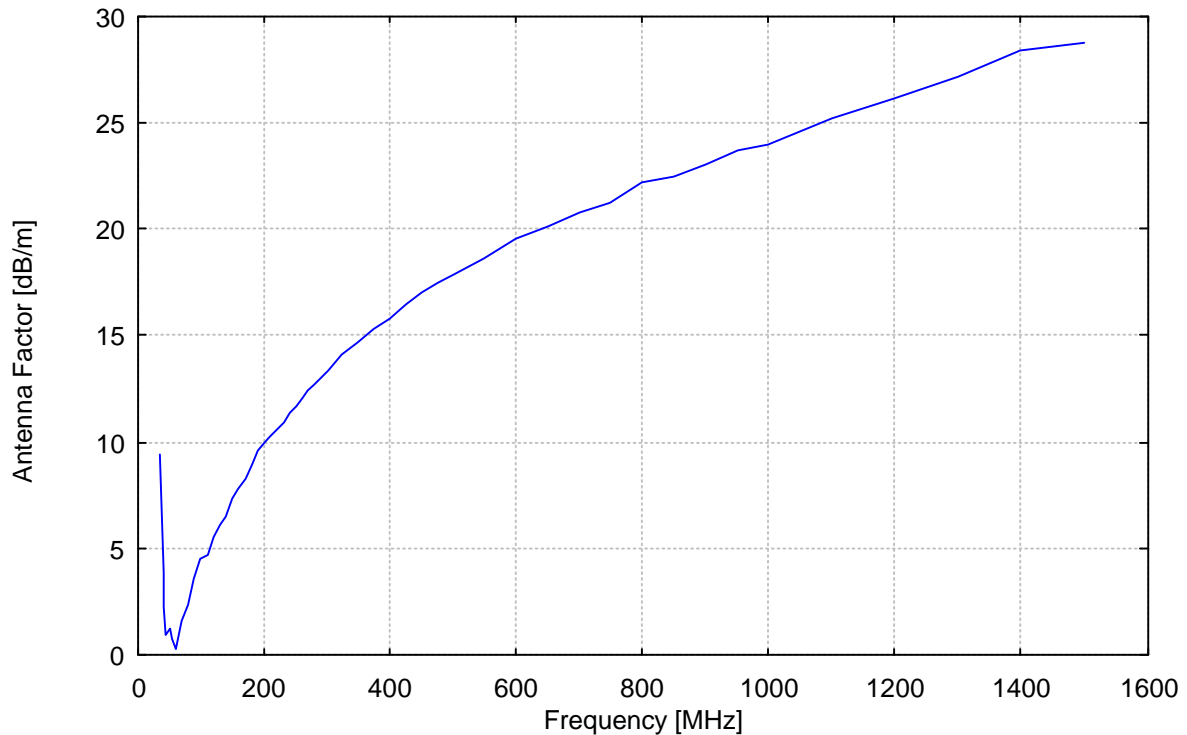
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Isotropic Gain



Antenna Factor



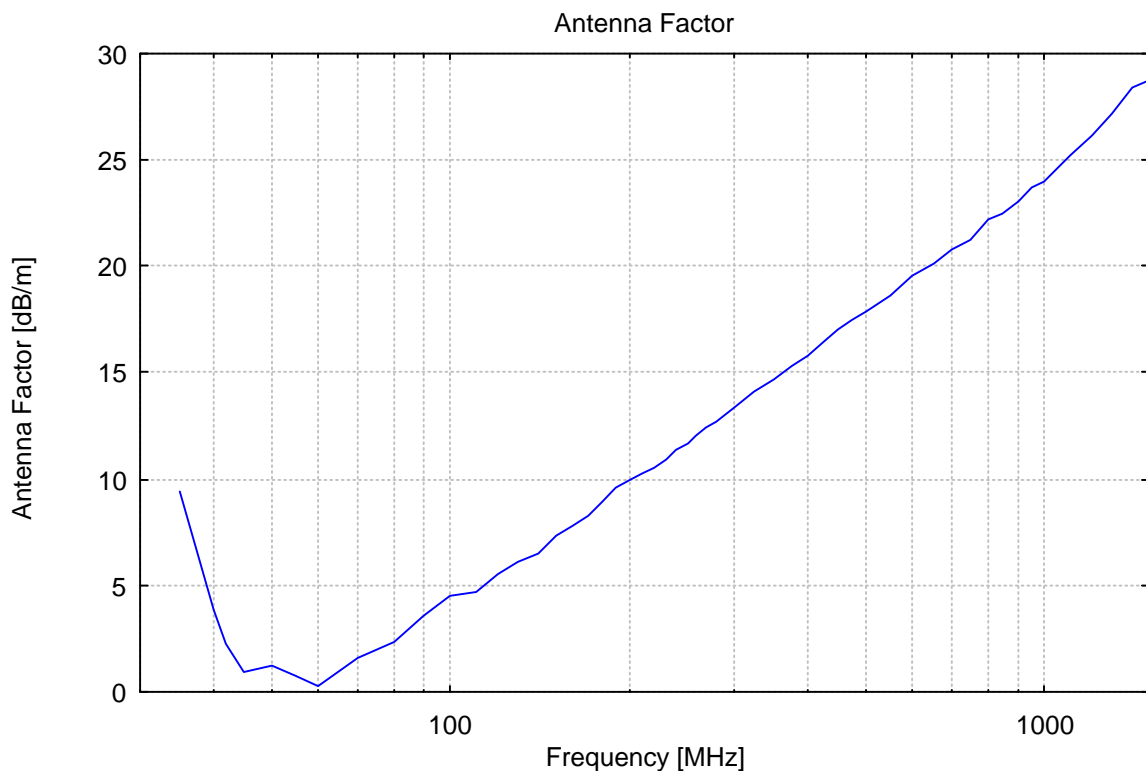
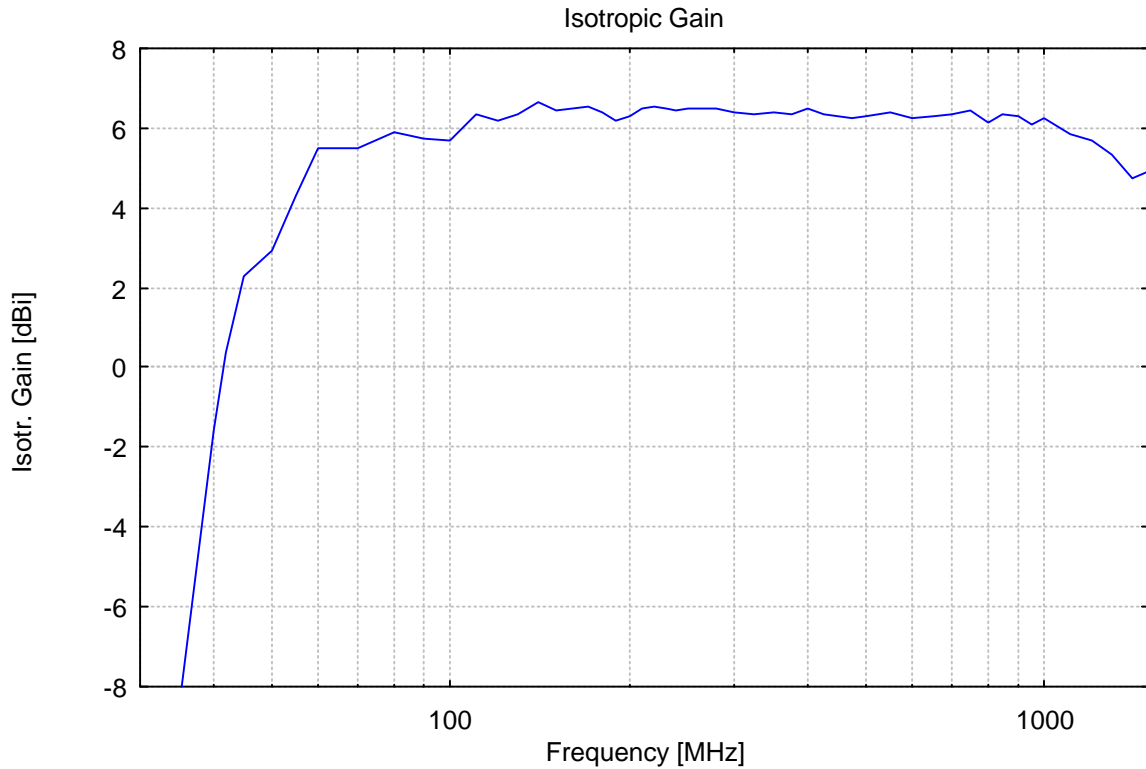
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