

SCHWARZBECK MESS - ELEKTRONIK

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

VULP 9118 E Log.-Per.-Antenne (50) 75-1000 (1500) MHz

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Frequency	Distance	lambda	Atten.	Gain (Isotr)	Gain (dipole)	Ant.-Fctr.
MHz	m	m	dB	dBi	dBd	dB/m
65.00	6.00	4.62	25.60	-0.67	-2.82	7.15
70.00	6.00	4.29	19.35	2.78	0.63	4.34
75.00	6.00	4.00	15.80	4.85	2.70	2.87
80.00	5.86	3.75	14.05	5.91	3.76	2.37
85.00	5.66	3.53	13.33	6.38	4.23	2.43
90.00	5.48	3.33	13.46	6.42	4.27	2.89
95.00	5.31	3.16	13.50	6.50	4.35	3.27
100.00	5.17	3.00	13.50	6.60	4.45	3.62
110.00	4.91	2.73	13.85	6.62	4.47	4.43
120.00	4.70	2.50	14.11	6.68	4.53	5.13
125.00	4.61	2.40	14.13	6.76	4.61	5.40
130.00	4.52	2.31	14.90	6.46	4.31	6.04
140.00	4.37	2.14	14.52	6.82	4.67	6.32
150.00	4.23	2.00	14.75	6.87	4.72	6.87
160.00	4.12	1.88	14.88	6.97	4.82	7.33
170.00	4.01	1.76	15.24	6.94	4.79	7.89
175.00	3.97	1.71	15.56	6.86	4.71	8.22
180.00	3.92	1.67	15.78	6.82	4.67	8.51
190.00	3.84	1.58	16.42	6.64	4.49	9.15
200.00	3.77	1.50	16.07	6.96	4.81	9.28
225.00	3.61	1.33	17.17	6.74	4.59	10.53
250.00	3.49	1.20	17.58	6.84	4.69	11.34
275.00	3.39	1.09	18.78	6.52	4.37	12.48
300.00	3.30	1.00	19.43	6.46	4.31	13.30
325.00	3.23	0.92	19.56	6.65	4.50	13.81
350.00	3.17	0.86	20.30	6.52	4.37	14.58
375.00	3.12	0.80	20.84	6.48	4.33	15.22
400.00	3.07	0.75	21.00	6.61	4.46	15.65
425.00	3.03	0.71	21.80	6.42	4.27	16.37
450.00	2.99	0.67	22.10	6.46	4.31	16.82
475.00	2.96	0.63	22.25	6.57	4.42	17.18
500.00	2.93	0.60	22.88	6.44	4.29	17.76
525.00	2.90	0.57	23.18	6.46	4.31	18.16
550.00	2.88	0.55	23.39	6.52	4.37	18.51
575.00	2.86	0.52	23.85	6.45	4.30	18.96
600.00	2.84	0.50	24.34	6.36	4.21	19.42
625.00	2.82	0.48	24.25	6.55	4.40	19.58
650.00	2.80	0.46	24.94	6.35	4.20	20.13
675.00	2.78	0.44	25.57	6.18	4.03	20.63
Frequency	Distance	lambda	Atten.	Gain (Isotr)	Gain (dipole)	Ant.-Fctr.
MHz	m	m	dB	dBi	dBd	dB/m

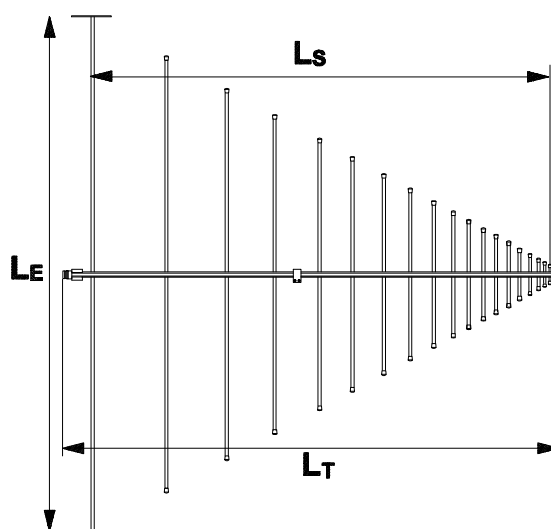
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MHz	m	m	dB	dBi	dBd	dB/m
700.00	2.77	0.43	25.47	6.36	4.21	20.76
725.00	2.76	0.41	25.47	6.49	4.34	20.93
750.00	2.74	0.40	25.48	6.61	4.46	21.11
775.00	2.73	0.39	26.27	6.34	4.19	21.66
800.00	2.72	0.38	26.68	6.26	4.11	22.02
825.00	2.71	0.36	27.32	6.05	3.90	22.50
850.00	2.70	0.35	26.78	6.44	4.29	22.37
875.00	2.69	0.34	26.90	6.49	4.34	22.57
900.00	2.68	0.33	28.07	6.01	3.86	23.29
925.00	2.67	0.32	28.43	5.94	3.79	23.61
950.00	2.66	0.32	29.03	5.74	3.59	24.03
975.00	2.66	0.31	28.95	5.88	3.73	24.12
1000.00	2.65	0.30	28.90	6.00	3.85	24.22
1050.00	2.64	0.29	29.04	6.12	3.97	24.52
1100.00	2.62	0.27	30.07	5.79	3.64	25.26
1150.00	2.61	0.26	31.74	5.13	2.98	26.30
1200.00	2.60	0.25	31.02	5.66	3.51	26.15
Frequency	Distance	lambda	Atten. dB	Gain (Isotr)	Gain (dipole)	Ant.-Fctr.
MHz	m	m	dB	dBi	dBd	dB/m



	Lower Freq.	Upper Freq.	Ele-ments	L_T	L_S	L_E	Center Mount
	[MHz]	[GHz]		[m]	[m]	[m]	
VULP 9118 E	75*	1.5	22	1.87	1.74	1.94	x

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