

# SCHWARZBECK MESS - ELEKTRONIK

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

## Logarithmisch Periodische Breitbandantenne VULP 9118 A *Logarithmic Periodic Broadband Antenna VULP 9118 A* 180 - 1500 (2000) MHz

Frequency	Distance	lambda	Attenuation	Gain(Isotr.)	Gain (Dipole)	Ant.-Factor
MHz	m	m	dB	dBi	dBd	dB/m
180.00	4.00	1.67	21.46	4.06	1.91	11.26
190.00	4.00	1.58	20.24	4.91	2.76	10.89
200.00	4.00	1.50	19.50	5.50	3.35	10.74
210.00	3.93	1.43	18.83	5.97	3.82	10.69
220.00	3.87	1.36	17.98	6.53	4.38	10.54
230.00	3.81	1.30	17.50	6.90	4.75	10.55
240.00	3.76	1.25	17.32	7.12	4.97	10.71
250.00	3.71	1.20	17.53	7.13	4.98	11.04
260.00	3.67	1.15	17.81	7.11	4.96	11.41
270.00	3.63	1.11	18.12	7.07	4.92	11.77
280.00	3.59	1.07	18.38	7.06	4.91	12.11
290.00	3.56	1.03	18.61	7.05	4.90	12.42
300.00	3.52	1.00	18.85	7.04	4.89	12.72
325.00	3.45	0.92	19.18	7.13	4.98	13.33
350.00	3.39	0.86	19.46	7.23	5.08	13.87
375.00	3.34	0.80	19.87	7.26	5.11	14.44
400.00	3.29	0.75	20.30	7.26	5.11	15.00
425.00	3.25	0.71	20.72	7.26	5.11	15.53
450.00	3.21	0.67	21.30	7.17	5.01	16.12
475.00	3.17	0.63	21.75	7.13	4.98	16.62
500.00	3.14	0.60	22.10	7.14	4.99	17.06
525.00	3.12	0.57	22.30	7.21	5.06	17.41
550.00	3.09	0.55	22.75	7.15	5.00	17.87
575.00	3.07	0.52	23.16	7.11	4.96	18.30
600.00	3.05	0.50	23.60	7.05	4.89	18.74
625.00	3.03	0.48	24.23	6.88	4.73	19.26
650.00	3.01	0.46	24.95	6.67	4.51	19.81
675.00	3.00	0.44	25.13	6.72	4.57	20.09
700.00	2.98	0.43	25.20	6.82	4.67	20.30
725.00	2.97	0.41	25.24	6.93	4.78	20.50
750.00	2.95	0.40	25.55	6.90	4.75	20.82
775.00	2.94	0.39	25.76	6.92	4.77	21.08
800.00	2.93	0.38	26.12	6.86	4.71	21.42
850.00	2.91	0.35	26.60	6.85	4.70	21.95
900.00	2.89	0.33	27.45	6.65	4.50	22.66
950.00	2.87	0.32	27.84	6.66	4.51	23.11
1000.00	2.86	0.30	28.15	6.71	4.56	23.51
Frequency	Distance	lambda	Attenuation	Gain(Isotr.)	Gain (Dipole)	Ant.-Factor
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MHz	m	m	dB	dBi	dBd	dB/m
1000.00	2.86	0.30	28.15	6.71	4.56	23.51
1050.00	2.85	0.29	28.57	6.69	4.54	23.95
1100.00	2.83	0.27	30.00	6.16	4.01	24.89
1150.00	2.82	0.26	30.18	6.24	4.09	25.19
1200.00	2.81	0.25	30.60	6.20	4.05	25.60
1300.00	2.79	0.23	31.70	5.97	3.82	26.53
1400.00	2.78	0.21	33.00	5.62	3.47	27.52
1500.00	2.76	0.20	33.62	5.59	3.44	28.15
1600.00	2.75	0.19	37.20	4.06	1.91	30.24
1700.00	2.74	0.18	39.40	3.21	1.06	31.62
1800.00	2.73	0.17	37.90	4.19	2.04	31.13
1900.00	2.72	0.16	38.60	4.06	1.91	31.73
2000.00	2.72	0.15	43.40	1.87	-0.28	34.37
Frequency	Distance	lambda	Attenuation	Gain(Isotr.)	Gain (Dipole)	Ant.-Factor
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