

# SCHWARZBECK MESS - ELEKTRONIK

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

## VHBB 9124 4:1 Balun mit Faltbikonus-Elementen FBAB 9177 *VHBB 9124 4:1 Balun with Collapsible Cone Elements FBAB 9177*

Frequency MHz	Distance m	lambda m	Attenuat. dB	Gain(Isotr.) dBi	Gain,dipole dBd	Ant.-Factor dB/m
25.00	6.80	12.00	58.12	-20.53	-22.69	18.71
27.00	6.80	11.11	49.83	-16.06	-18.21	14.90
30.00	6.80	10.00	47.63	-14.50	-16.65	14.26
35.00	6.80	8.57	43.70	-11.86	-14.01	12.96
40.00	6.80	7.50	41.12	-9.99	-12.14	12.25
45.00	6.80	6.67	38.91	-8.38	-10.53	11.66
50.00	6.80	6.00	36.57	-6.75	-8.90	10.95
55.00	6.80	5.45	34.17	-5.14	-7.29	10.16
60.00	6.80	5.00	32.46	-3.90	-6.05	9.69
65.00	6.80	4.62	31.78	-3.21	-5.37	9.69
70.00	6.80	4.29	30.80	-2.40	-4.55	9.52
75.00	6.80	4.00	29.42	-1.41	-3.56	9.13
80.00	6.80	3.75	29.02	-0.93	-3.08	9.21
85.00	6.80	3.53	29.07	-0.69	-2.85	9.50
90.00	6.80	3.33	28.76	-0.29	-2.44	9.60
95.00	6.80	3.16	28.60	0.02	-2.13	9.75
100.00	6.80	3.00	27.94	0.58	-1.57	9.64
110.00	6.80	2.73	28.65	0.64	-1.52	10.41
120.00	6.80	2.50	28.28	1.20	-0.95	10.61
130.00	6.80	2.31	29.20	1.09	-1.06	11.41
140.00	6.80	2.14	29.26	1.38	-0.77	11.76
150.00	6.80	2.00	30.00	1.31	-0.84	12.43
160.00	6.80	1.88	30.24	1.47	-0.68	12.83
170.00	6.80	1.76	30.67	1.52	-0.63	13.31
180.00	6.80	1.67	31.63	1.28	-0.87	14.04
190.00	6.80	1.58	31.50	1.58	-0.57	14.21
200.00	6.80	1.50	32.76	1.18	-0.97	15.06
210.00	6.80	1.43	33.18	1.18	-0.97	15.49
220.00	6.80	1.36	34.31	0.82	-1.34	16.25
230.00	6.80	1.30	34.09	1.12	-1.03	16.34
240.00	6.80	1.25	35.41	0.64	-1.51	17.18
250.00	6.80	1.20	35.02	1.02	-1.13	17.16
260.00	6.80	1.15	35.83	0.78	-1.37	17.74
270.00	6.80	1.11	35.82	0.95	-1.20	17.90
280.00	6.80	1.07	36.28	0.88	-1.27	18.28
290.00	6.80	1.03	36.48	0.93	-1.22	18.54
300.00	6.80	1.00	37.11	0.76	-1.39	19.00

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