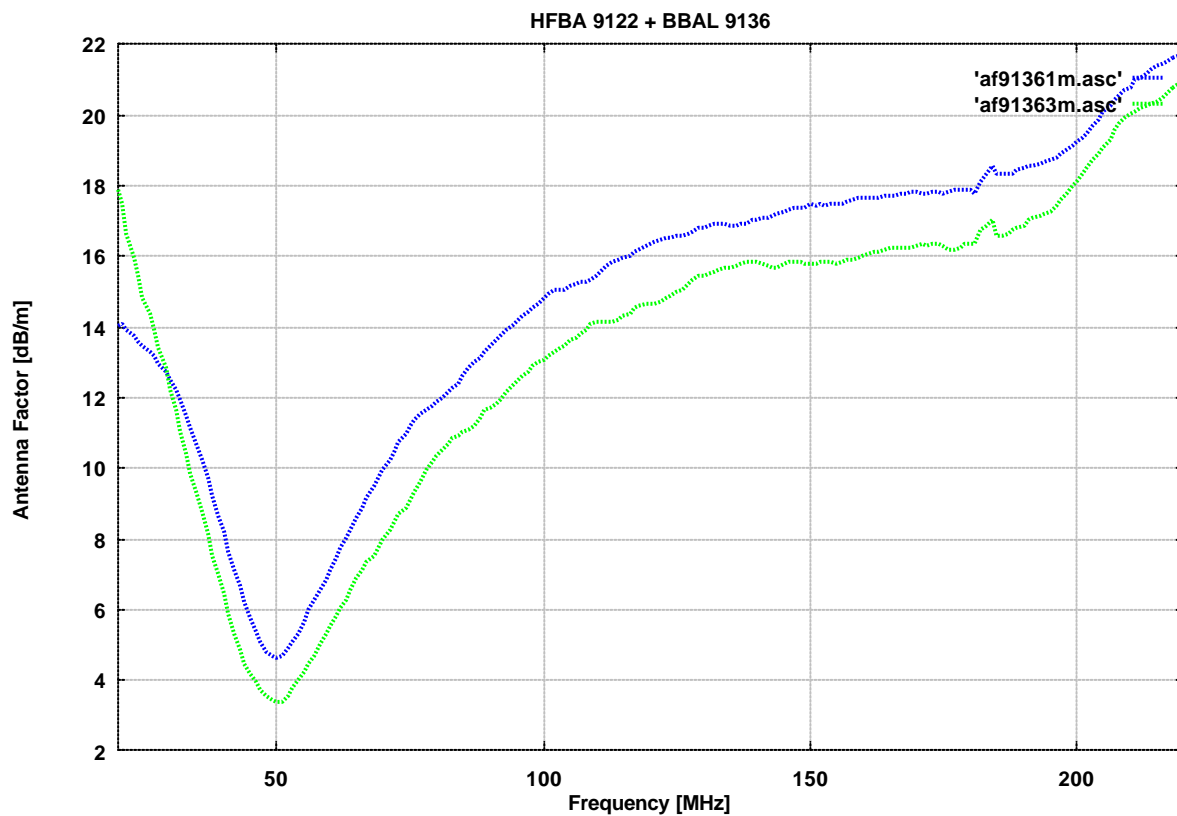
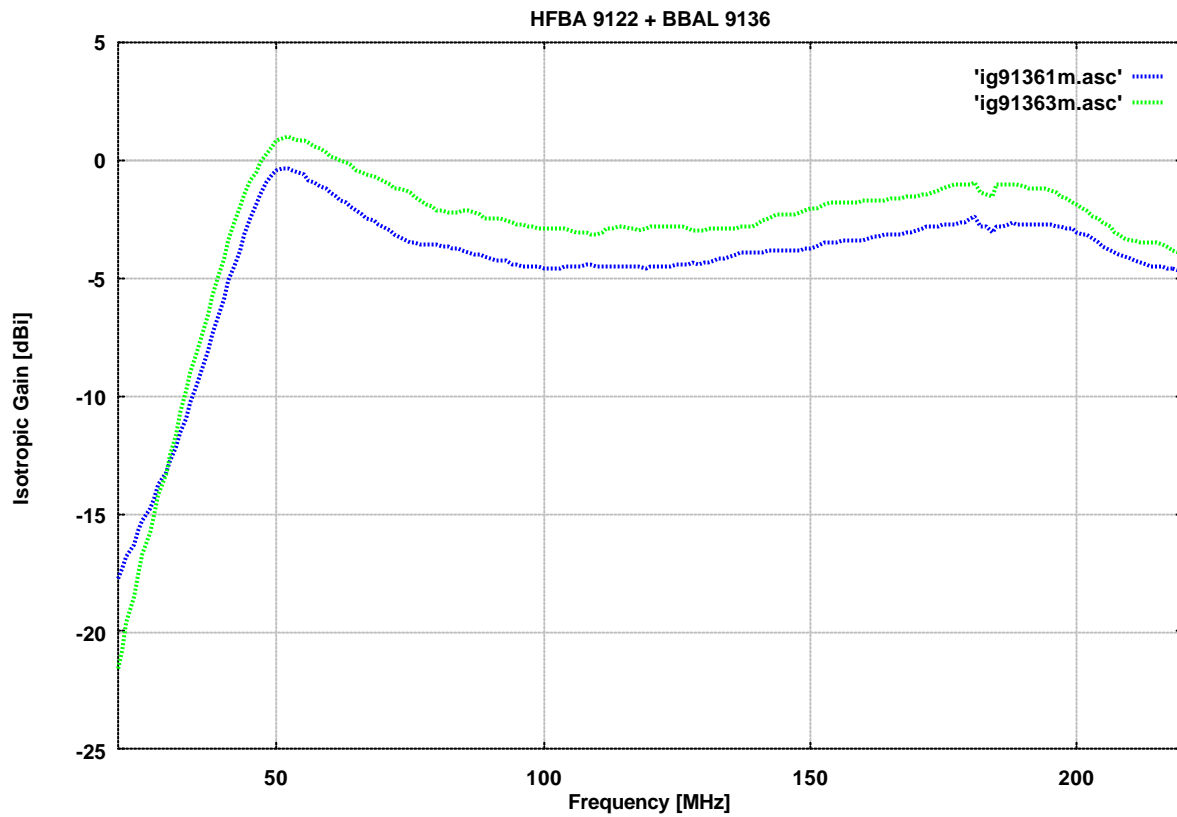


# SCHWARZBECK MESS - ELEKTRONIK

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

## Kalibrierdaten HFBA 9122 mit BBAL 9136 Bikonuselementen Calibration Data HFBA 9122 with BBAL 9136 Biconical Elements



HFBA 9122 + BBAL 9136 Element-Gesamtlänge: / Total Element Length: 1.94 m

# SCHWARZBECK MESS - ELEKTRONIK

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

## Kalibrierdaten HFBA 9122 mit BBAL 9136 Bikonuselementen *Calibration Data HFBA 9122 with BBAL 9136 Biconical Elements*

Frequency	Gain(Isotr.) 1 m	Ant.-Factor 1 m	Gain(Isotr.) 3 m	Ant.-Factor 3 m
MHz	dB	dB/m	dB	dB/m
20.00	-17.80	14.04	-21.61	17.85
21.00	-17.40	14.07	-20.80	17.47
22.00	-16.84	13.91	-19.61	16.67
23.00	-16.28	13.74	-18.52	15.98
24.00	-15.77	13.60	-17.57	15.40
25.00	-15.29	13.47	-16.67	14.85
26.00	-14.80	13.32	-15.85	14.37
27.00	-14.30	13.15	-15.06	13.90
28.00	-13.77	12.94	-14.23	13.39
29.00	-13.25	12.72	-13.36	12.83
30.00	-12.73	12.49	-12.47	12.24
31.00	-12.18	12.23	-11.60	11.64
32.00	-11.58	11.90	-10.68	11.00
33.00	-10.93	11.52	-9.79	10.38
34.00	-10.28	11.13	-8.97	9.82
35.00	-9.61	10.71	-8.22	9.32
36.00	-8.88	10.23	-7.40	8.74
37.00	-8.14	9.72	-6.55	8.14
38.00	-7.38	9.19	-5.72	7.54
39.00	-6.63	8.67	-4.94	6.98
40.00	-5.88	8.15	-4.19	6.45
41.00	-5.16	7.64	-3.41	5.88
42.00	-4.45	7.14	-2.65	5.34
43.00	-3.77	6.66	-1.94	4.83
44.00	-3.11	6.19	-1.37	4.46
45.00	-2.47	5.76	-0.88	4.16
46.00	-1.90	5.37	-0.45	3.92
47.00	-1.38	5.04	-0.04	3.70
48.00	-0.94	4.79	0.31	3.54
49.00	-0.61	4.64	0.60	3.43
50.00	-0.42	4.62	0.83	3.37
51.00	-0.34	4.71	0.97	3.40
52.00	-0.33	4.87	1.02	3.52
53.00	-0.38	5.08	0.97	3.74
54.00	-0.45	5.32	0.89	3.97
55.00	-0.60	5.63	0.85	4.18
56.00	-0.77	5.96	0.78	4.40
57.00	-0.94	6.27	0.65	4.69
58.00	-1.06	6.54	0.48	5.00
59.00	-1.18	6.82	0.32	5.31
60.00	-1.34	7.13	0.22	5.56
61.00	-1.52	7.44	0.11	5.82
62.00	-1.67	7.73	0.02	6.05
63.00	-1.81	8.01	-0.08	6.28
64.00	-1.94	8.28	-0.21	6.56
65.00	-2.09	8.57	-0.38	6.86
66.00	-2.26	8.87	-0.51	7.12
67.00	-2.43	9.17	-0.59	7.33
68.00	-2.59	9.46	-0.64	7.51
69.00	-2.70	9.70	-0.74	7.74

HFBA 9122 + BBAL 9136 Element-Gesamtlänge: / Total Element Length: 1.94 m

# SCHWARZBECK MESS - ELEKTRONIK

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

## Kalibrierdaten HFBA 9122 mit BBAL 9136 Bikonuselementen *Calibration Data HFBA 9122 with BBAL 9136 Biconical Elements*

Frequency	Gain(Isotr.) 1 m	Ant.-Factor 1 m	Gain(Isotr.) 3 m	Ant.-Factor 3 m
MHz	dBm	dB/m	dBm	dB/m
70.00	-2.84	9.96	-0.86	7.98
71.00	-2.98	10.22	-1.01	8.25
72.00	-3.12	10.48	-1.11	8.47
73.00	-3.23	10.72	-1.20	8.69
74.00	-3.35	10.96	-1.26	8.86
75.00	-3.46	11.18	-1.36	9.08
76.00	-3.54	11.38	-1.50	9.33
77.00	-3.58	11.53	-1.68	9.63
78.00	-3.59	11.65	-1.85	9.91
79.00	-3.59	11.77	-1.97	10.14
80.00	-3.60	11.88	-2.06	10.35
81.00	-3.63	12.02	-2.13	10.52
82.00	-3.66	12.15	-2.20	10.69
83.00	-3.69	12.29	-2.23	10.83
84.00	-3.73	12.43	-2.22	10.92
85.00	-3.79	12.60	-2.18	10.99
86.00	-3.89	12.80	-2.14	11.05
87.00	-3.97	12.98	-2.19	11.20
88.00	-4.02	13.13	-2.30	11.41
89.00	-4.07	13.28	-2.42	11.63
90.00	-4.15	13.45	-2.41	11.72
91.00	-4.22	13.62	-2.40	11.80
92.00	-4.27	13.76	-2.44	11.93
93.00	-4.29	13.88	-2.58	12.17
94.00	-4.35	14.03	-2.65	12.33
95.00	-4.39	14.17	-2.70	12.47
96.00	-4.44	14.31	-2.72	12.58
97.00	-4.45	14.41	-2.77	12.73
98.00	-4.49	14.54	-2.83	12.88
99.00	-4.53	14.66	-2.86	12.99
100.00	-4.58	14.80	-2.86	13.08
101.00	-4.60	14.91	-2.87	13.18
102.00	-4.61	15.00	-2.88	13.27
103.00	-4.57	15.05	-2.90	13.38
104.00	-4.53	15.09	-2.93	13.50
105.00	-4.51	15.15	-2.98	13.63
106.00	-4.49	15.22	-3.00	13.72
107.00	-4.45	15.26	-3.01	13.82
108.00	-4.40	15.29	-3.03	13.92
109.00	-4.39	15.36	-3.09	14.06
110.00	-4.43	15.47	-3.11	14.15
111.00	-4.49	15.61	-3.04	14.17
112.00	-4.52	15.72	-2.93	14.14
113.00	-4.53	15.82	-2.86	14.14
114.00	-4.53	15.89	-2.83	14.19
115.00	-4.51	15.95	-2.85	14.28
116.00	-4.50	16.01	-2.88	14.39
117.00	-4.51	16.10	-2.93	14.51
118.00	-4.55	16.21	-2.95	14.60
119.00	-4.57	16.30	-2.91	14.64
120.00	-4.55	16.35	-2.85	14.65
121.00	-4.54	16.42	-2.78	14.66

**HFBA 9122 + BBAL 9136** Element-Gesamtlänge: / *Total Element Length:* 1.94 m

# SCHWARZBECK MESS - ELEKTRONIK

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

## Kalibrierdaten HFBA 9122 mit BBAL 9136 Bikonuselementen Calibration Data HFBA 9122 with BBAL 9136 Biconical Elements

Frequency	Gain(Isotr.) 1 m	Ant.-Factor 1 m	Gain(Isotr.) 3 m	Ant.-Factor 3 m
MHz	dBm	dB/m	dBm	dB/m
122.00	-4.53	16.47	-2.76	14.71
123.00	-4.49	16.51	-2.78	14.80
124.00	-4.44	16.53	-2.80	14.89
125.00	-4.39	16.55	-2.83	14.99
126.00	-4.36	16.59	-2.85	15.07
127.00	-4.35	16.65	-2.89	15.19
128.00	-4.34	16.71	-2.95	15.31
129.00	-4.35	16.78	-2.98	15.41
130.00	-4.34	16.83	-2.96	15.45
131.00	-4.31	16.87	-2.92	15.49
132.00	-4.26	16.89	-2.91	15.54
133.00	-4.20	16.90	-2.90	15.60
134.00	-4.13	16.89	-2.89	15.65
135.00	-4.05	16.88	-2.87	15.70
136.00	-3.99	16.88	-2.86	15.75
137.00	-3.94	16.89	-2.83	15.78
138.00	-3.91	16.93	-2.79	15.81
139.00	-3.91	16.99	-2.75	15.83
140.00	-3.92	17.06	-2.67	15.82
141.00	-3.89	17.10	-2.57	15.77
142.00	-3.85	17.11	-2.46	15.72
143.00	-3.80	17.12	-2.36	15.68
144.00	-3.79	17.18	-2.32	15.71
145.00	-3.82	17.26	-2.32	15.77
146.00	-3.83	17.34	-2.32	15.82
147.00	-3.81	17.38	-2.28	15.84
148.00	-3.74	17.37	-2.19	15.81
149.00	-3.69	17.38	-2.11	15.79
150.00	-3.70	17.44	-2.05	15.79
151.00	-3.62	17.42	-2.00	15.80
152.00	-3.59	17.44	-1.95	15.81
153.00	-3.49	17.41	-1.89	15.81
154.00	-3.48	17.45	-1.84	15.81
155.00	-3.42	17.44	-1.77	15.80
156.00	-3.40	17.49	-1.74	15.82
157.00	-3.40	17.54	-1.74	15.88
158.00	-3.41	17.60	-1.75	15.94
159.00	-3.37	17.62	-1.72	15.97
160.00	-3.34	17.64	-1.71	16.01
161.00	-3.30	17.65	-1.69	16.05
162.00	-3.25	17.66	-1.68	16.10
163.00	-3.23	17.69	-1.68	16.14
164.00	-3.20	17.72	-1.67	16.19
165.00	-3.16	17.73	-1.65	16.22
166.00	-3.12	17.74	-1.61	16.24
167.00	-3.08	17.76	-1.58	16.25
168.00	-3.06	17.79	-1.52	16.25
169.00	-3.02	17.80	-1.48	16.26
170.00	-2.97	17.80	-1.46	16.29
171.00	-2.89	17.77	-1.43	16.31
172.00	-2.85	17.79	-1.37	16.30
173.00	-2.82	17.80	-1.33	16.31

HFBA 9122 + BBAL 9136 Element-Gesamtlänge: / Total Element Length: 1.94 m

# SCHWARZBECK MESS - ELEKTRONIK

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

## Kalibrierdaten HFBA 9122 mit BBAL 9136 Bikonuselementen *Calibration Data HFBA 9122 with BBAL 9136 Biconical Elements*

Frequency	Gain(Isotr.) 1 m	Ant.-Factor 1 m	Gain(Isotr.) 3 m	Ant.-Factor 3 m
MHz	dB	dB/m	dB	dB/m
174.00	-2.77	17.80	-1.28	16.31
175.00	-2.71	17.79	-1.19	16.27
176.00	-2.68	17.81	-1.08	16.21
177.00	-2.68	17.86	-1.02	16.20
178.00	-2.65	17.88	-1.02	16.25
179.00	-2.60	17.88	-1.03	16.31
180.00	-2.52	17.85	-1.01	16.34
181.00	-2.39	17.76	-0.94	16.31
182.00	-2.73	18.15	-1.34	16.76
183.00	-2.84	18.31	-1.41	16.88
184.00	-3.06	18.57	-1.48	16.99
185.00	-2.75	18.32	-1.02	16.58
186.00	-2.73	18.34	-0.99	16.60
187.00	-2.68	18.34	-1.01	16.67
188.00	-2.66	18.36	-1.02	16.72
189.00	-2.68	18.43	-1.02	16.77
190.00	-2.71	18.50	-1.08	16.88
191.00	-2.72	18.56	-1.17	17.01
192.00	-2.70	18.59	-1.22	17.10
193.00	-2.70	18.63	-1.20	17.13
194.00	-2.69	18.66	-1.23	17.20
195.00	-2.69	18.71	-1.27	17.29
196.00	-2.73	18.80	-1.34	17.41
197.00	-2.80	18.91	-1.46	17.57
198.00	-2.88	19.03	-1.62	17.77
199.00	-2.93	19.13	-1.78	17.98
200.00	-3.00	19.24	-1.91	18.15
201.00	-3.07	19.36	-2.04	18.32
202.00	-3.18	19.51	-2.18	18.51
203.00	-3.32	19.69	-2.34	18.71
204.00	-3.45	19.87	-2.48	18.90
205.00	-3.61	20.06	-2.65	19.10
206.00	-3.77	20.27	-2.80	19.30
207.00	-3.91	20.45	-3.01	19.55
208.00	-4.00	20.58	-3.19	19.77
209.00	-4.08	20.70	-3.31	19.93
210.00	-4.16	20.82	-3.35	20.01
211.00	-4.25	20.95	-3.39	20.10
212.00	-4.31	21.06	-3.45	20.20
213.00	-4.38	21.17	-3.47	20.25
214.00	-4.45	21.28	-3.48	20.30
215.00	-4.50	21.37	-3.50	20.37
216.00	-4.54	21.45	-3.57	20.48
217.00	-4.57	21.52	-3.65	20.60
218.00	-4.60	21.59	-3.74	20.73
219.00	-4.63	21.66	-3.88	20.91
220.00	-4.70	21.76	-4.09	21.16

**HFBA 9122 + BBAL 9136** Element-Gesamtlänge: / *Total Element Length:* 1.94 m