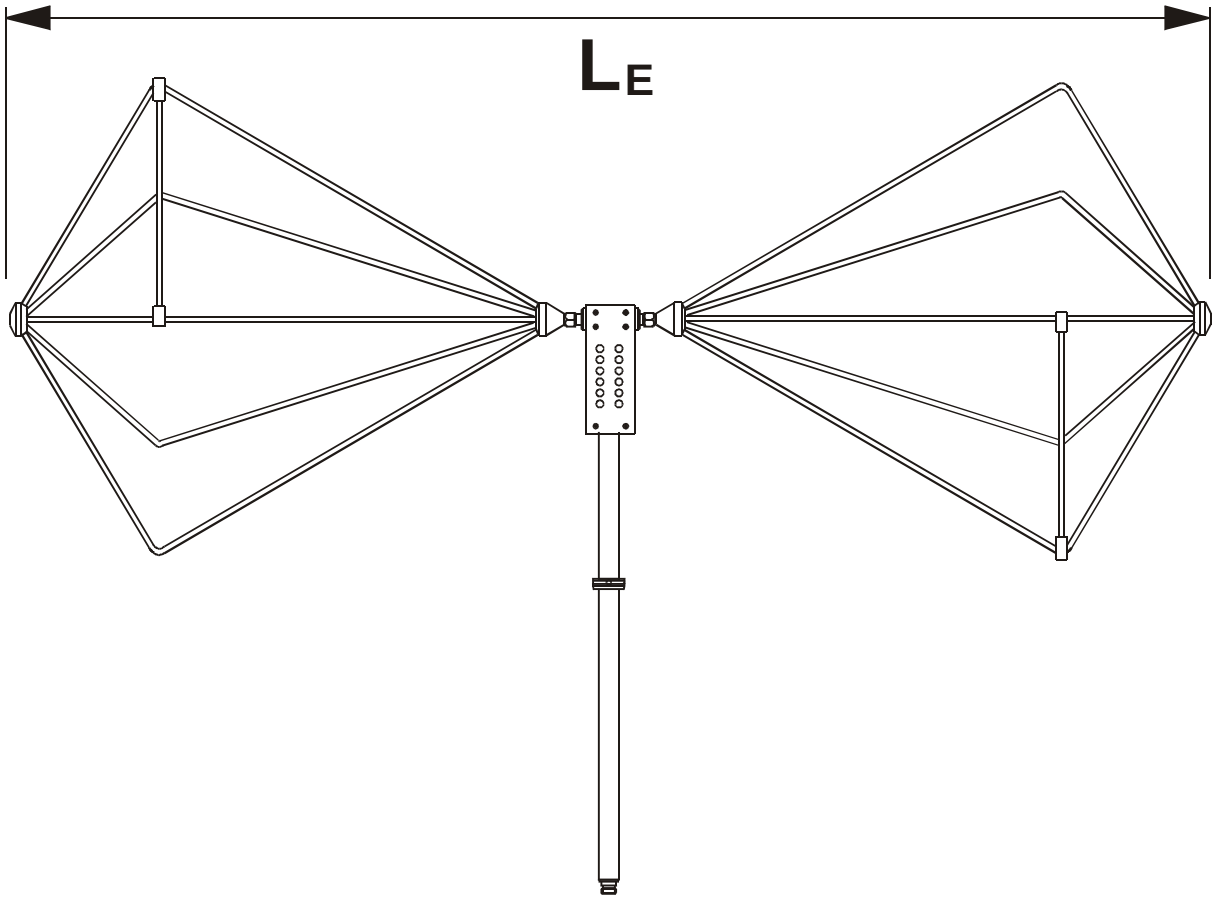
SCHWARZBECK MESS - ELEKTRONIK

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

VHBC 9133 4:1 Balun mit Bikonus-Elementen BBA 9106
VHBC 9133 4:1 Balun with Biconical Elements BBA 9106



Technische Daten:	**VHBC 9133** **BBA 9106**	***Specifications:***
Frequenzbereich:	30-300 MHz	*Frequency range:*
Anschluss:	50 Ω N	*Connector:*
Elementlänge LE mit BBA 9106:	1.32 m	*Element length LE with BBA 9106:*
Länge / Durchmesser der Halterung:	0.58 m / 22 mm	*Holder length / diameter:*
Elementaufnahme:	10 mm	*Element fixture:*
Gewicht des Halters / Balun:	1.4 kg	*Holder / balun weight:*
Gewicht eines Elements:	0.6 kg	*Weight of one element:*
Max. Leistung:	1 kW	*Max. Power:*
Alternative Elemente:	BBAL 9136 BBFA 9146	*Alternative Antenna Elements:*

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Freiraumdaten (keine Bodenreflexion), D > 3 m *Free Space Data, D > 3m*

Frequency	Distance	lambda	Attenuat.	Gain(Isotr.)	Gain,dipole	Ant.-Factor
MHz	m	m	dB	dBi	dBd	dB/m
20.00	4.00	15.00	52.00	-20.75	-22.90	16.99
25.00	4.00	12.00	44.00	-15.78	-17.93	13.96
27.00	4.00	11.11	42.10	-14.49	-16.65	13.34
30.00	4.00	10.00	39.96	-12.97	-15.12	12.73
35.00	4.00	8.57	36.87	-10.75	-12.90	11.85
40.00	4.00	7.50	34.61	-9.04	-11.19	11.30
45.00	4.00	6.67	31.91	-7.18	-9.33	10.46
50.00	4.00	6.00	30.65	-6.09	-8.24	10.29
55.00	4.00	5.45	29.37	-5.04	-7.19	10.07
60.00	4.00	5.00	28.87	-4.41	-6.56	10.19
65.00	4.00	4.62	27.12	-3.19	-5.34	9.67
70.00	4.00	4.29	26.19	-2.40	-4.55	9.52
75.00	4.00	4.00	24.80	-1.41	-3.56	9.13
80.00	4.00	3.75	23.77	-0.61	-2.76	8.89
85.00	4.00	3.53	23.22	-0.07	-2.22	8.88
90.00	4.00	3.33	22.27	0.65	-1.50	8.66
95.00	4.00	3.16	21.56	1.24	-0.91	8.53
100.00	4.00	3.00	21.22	1.63	-0.52	8.59
110.00	4.00	2.73	21.72	1.80	-0.35	9.25
120.00	4.00	2.50	23.25	1.41	-0.74	10.39
125.00	4.00	2.40	23.35	1.54	-0.61	10.62
130.00	4.00	2.31	24.00	1.38	-0.77	11.12
140.00	4.00	2.14	24.87	1.27	-0.88	11.87
150.00	4.00	2.00	25.62	1.19	-0.96	12.55
160.00	4.00	1.88	25.95	1.31	-0.84	12.99
170.00	4.00	1.76	25.99	1.55	-0.60	13.28
175.00	4.00	1.71	26.22	1.56	-0.59	13.52
180.00	4.00	1.67	26.22	1.69	-0.47	13.64
190.00	4.00	1.58	26.72	1.67	-0.48	14.13
200.00	4.00	1.50	26.59	1.96	-0.19	14.28
210.00	4.00	1.43	26.99	1.97	-0.18	14.69
220.00	4.00	1.36	28.52	1.41	-0.74	15.66
225.00	4.00	1.33	28.98	1.27	-0.88	15.99
230.00	4.00	1.30	30.10	0.81	-1.34	16.64
240.00	4.00	1.25	31.31	0.39	-1.76	17.43
250.00	4.00	1.20	32.60	-0.08	-2.23	18.26
260.00	4.00	1.15	33.74	-0.48	-2.63	19.00
270.00	4.00	1.11	35.06	-0.97	-3.12	19.82
275.00	4.00	1.09	36.00	-1.36	-3.51	20.37
280.00	4.00	1.07	36.40	-1.49	-3.64	20.65
290.00	4.00	1.03	38.56	-2.41	-4.56	21.88
300.00	4.00	1.00	45.55	-5.76	-7.91	25.52

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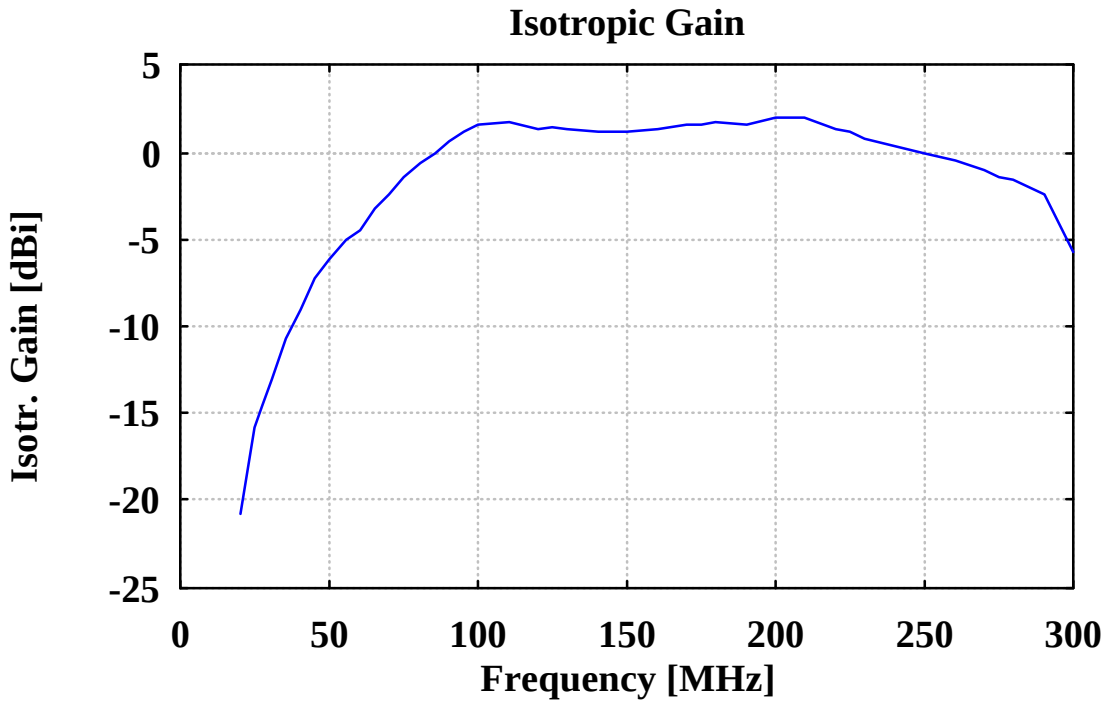

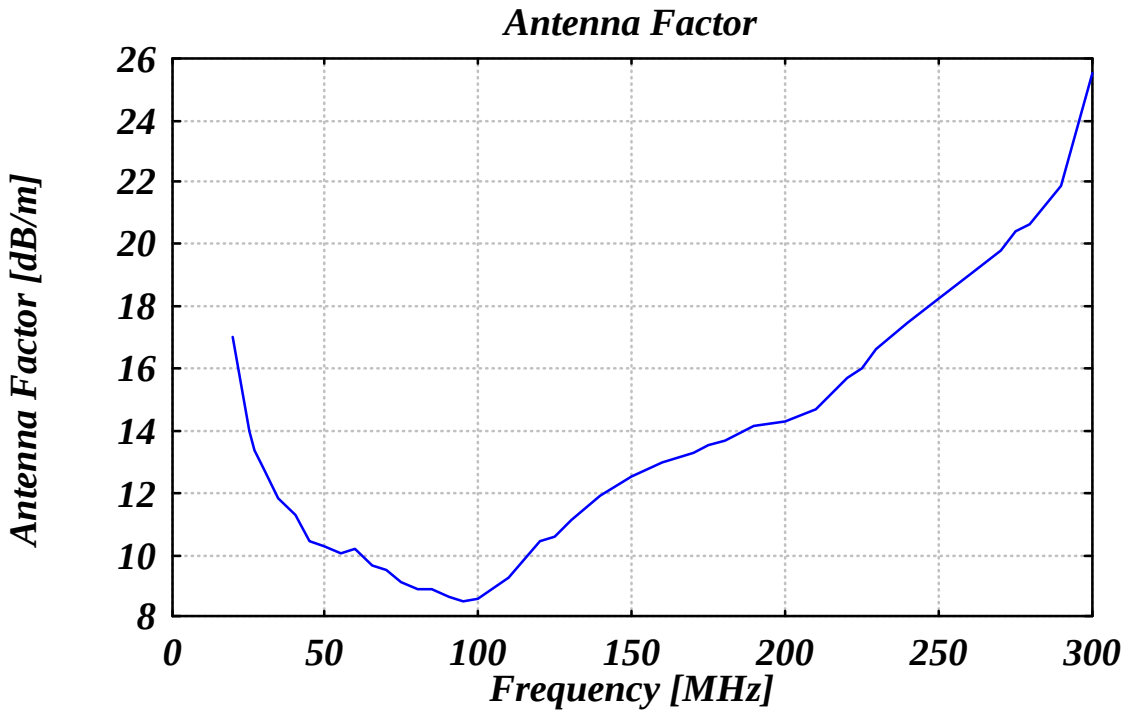

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