

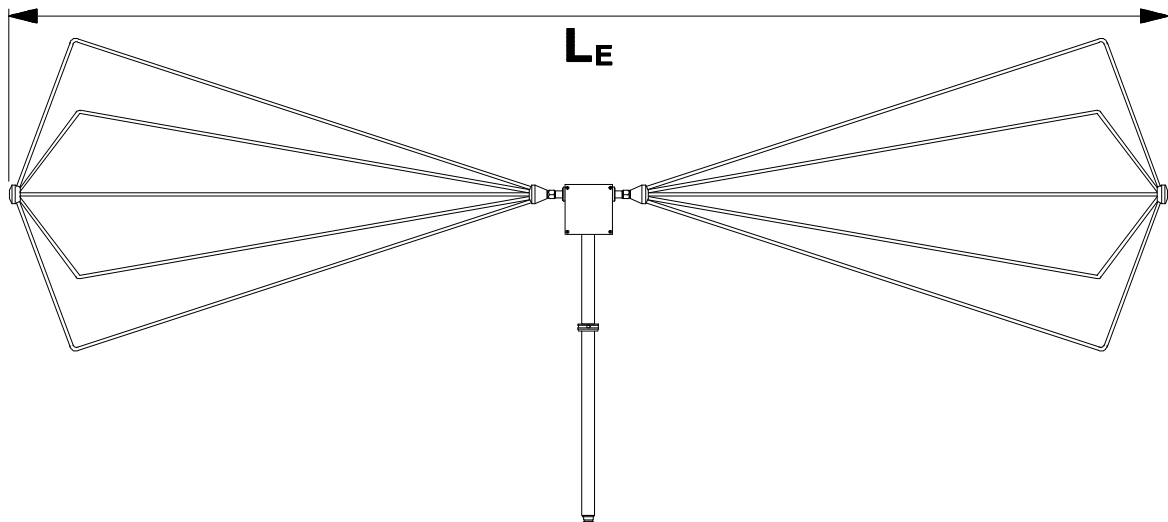
SCHWARZBECK MESS - ELEKTRONIK

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

Große Bikonus-Messantenne BBAL 9136 in 100-W-Halterung / Balun VHBA 9123
Large Bicone Calibr. Test Antenna 20...200 MHz, 100 W(50W), Transmit or Receive Ant.

80224gs/504xx 9123BBAL.doc

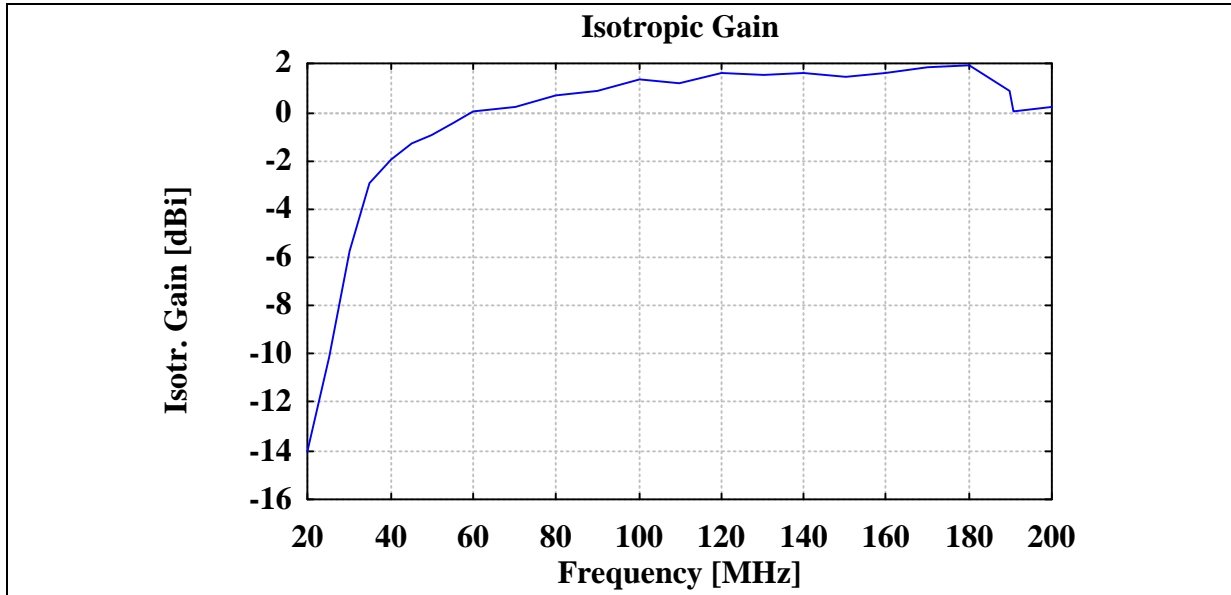
Frequency	Distance	lambda	Attenuat.	Gain(Isotr.)	Gain,dipole	Ant.-Factor
MHz	m	m	dB	dBi	dBd	dB/m
20.00	5.50	15.00	41.33	-14.03	-16.18	10.27
25.00	5.50	12.00	35.57	-10.18	-12.33	8.36
30.00	5.50	10.00	28.25	-5.73	-7.88	5.49
35.00	5.50	8.57	23.99	-2.93	-5.08	4.03
40.00	5.50	7.50	23.11	-1.91	-4.06	4.17
45.00	5.50	6.67	22.91	-1.30	-3.45	4.58
50.00	5.50	6.00	23.13	-0.95	-3.10	5.15
55.00	5.50	5.45	22.90	-0.42	-2.57	5.45
60.00	5.50	5.00	22.67	0.07	-2.08	5.71
70.00	5.50	4.29	23.66	0.25	-1.90	6.88
80.00	5.50	3.75	23.86	0.73	-1.42	7.56
90.00	5.50	3.33	24.59	0.87	-1.28	8.43
100.00	5.50	3.00	24.46	1.40	-0.76	8.82
110.00	5.50	2.73	25.58	1.25	-0.90	9.80
120.00	5.50	2.50	25.57	1.63	-0.52	10.17
130.00	5.50	2.31	26.38	1.57	-0.58	10.92
140.00	5.50	2.14	26.91	1.63	-0.52	11.51
150.00	5.50	2.00	27.82	1.48	-0.67	12.27
160.00	5.50	1.88	28.13	1.60	-0.55	12.70
170.00	5.50	1.76	28.09	1.88	-0.27	12.94
180.00	5.50	1.67	28.45	1.95	-0.20	13.37
190.00	5.50	1.58	31.06	0.88	-1.27	14.91
191.00	5.50	1.57	32.80	0.04	-2.12	15.81
200.00	5.50	1.50	32.83	0.22	-1.93	16.02



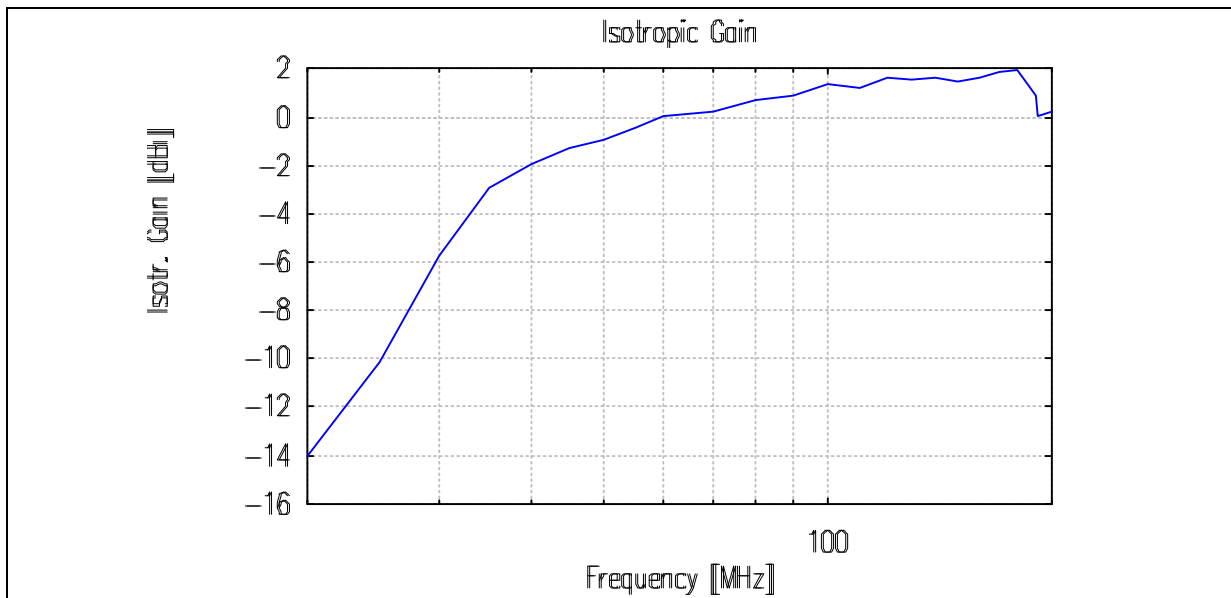
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Freiraum-Daten BBAL 9136-Bikonus in 100W-Halterung / Balun VHBA 9123, lin/log.Frequenzachsen
Free-Space far field calibration, gain and antenna factors over linear and logarithmic frequency scales



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