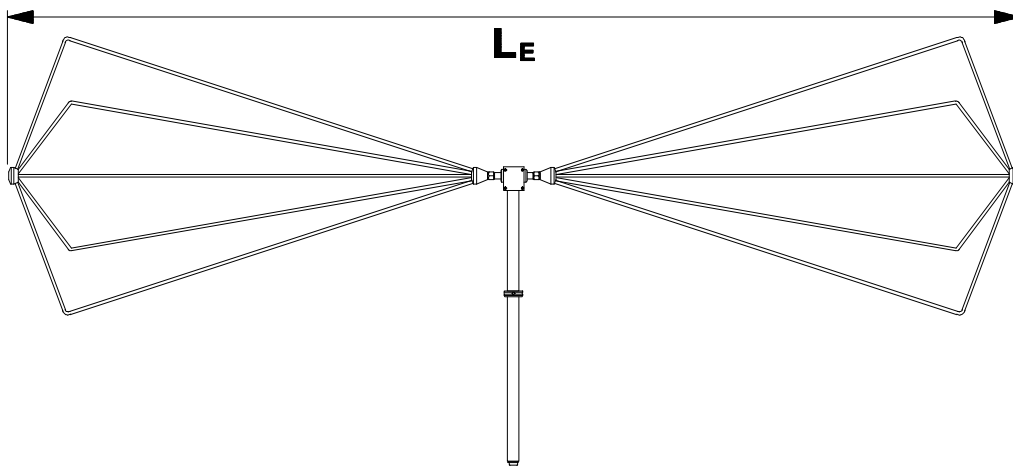


SCHWARZBECK MESS - ELEKTRONIK

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

Große Bikonusantenne BBAL 9136 in 50-Ohm 1:1 Balun/Halter VHA 9103, Freiraum
Large Biconical Test Antenna BBAL 9136 in 50 ohm 1:1 Balun, 20 - 220 MHz, max. 15 W
 [70608 gs]

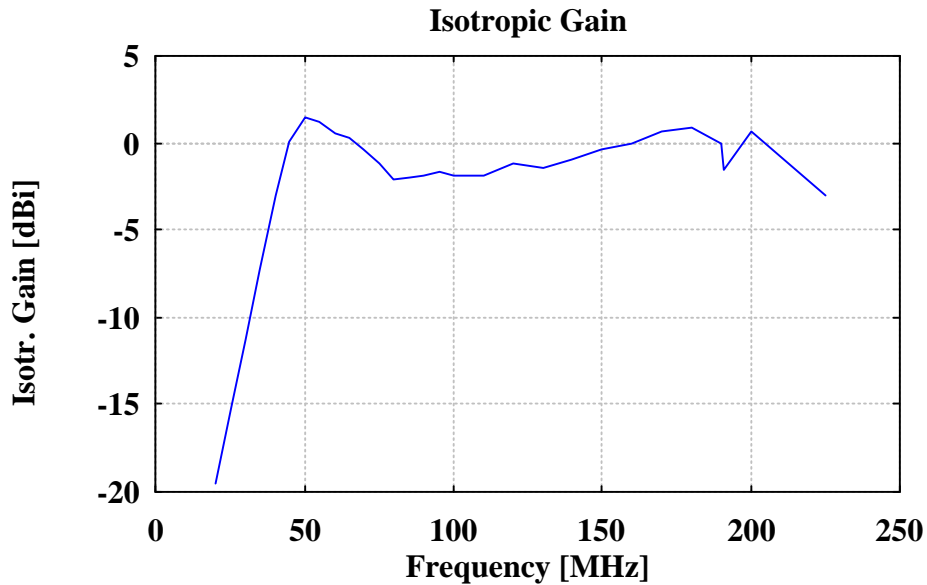
Frequency	Distance	lambda	Attenuat.	Gain(Isotr.)	Gain,dipole	Ant.-Factor
MHz	m	m	dB	dBi	dBd	dB/m
20.00	10.00	15.00	57.72	-19.63	-21.78	15.87
25.00	10.00	12.00	50.67	-15.13	-17.29	13.31
30.00	10.00	10.00	44.67	-11.34	-13.49	11.11
35.00	10.00	8.57	37.86	-7.27	-9.42	8.37
40.00	10.00	7.50	30.36	-2.94	-5.09	5.20
45.00	10.00	6.67	25.20	0.15	-2.00	3.13
50.00	10.00	6.00	23.45	1.49	-0.67	2.71
55.00	10.00	5.45	24.68	1.28	-0.87	3.74
60.00	10.00	5.00	26.76	0.62	-1.53	5.16
65.00	10.00	4.62	28.02	0.34	-1.81	6.14
70.00	10.00	4.29	29.95	-0.30	-2.45	7.42
75.00	10.00	4.00	32.16	-1.11	-3.26	8.83
80.00	10.00	3.75	34.62	-2.06	-4.21	10.34
85.00	10.00	3.53	34.92	-1.94	-4.10	10.75
90.00	10.00	3.33	35.19	-1.83	-3.98	11.14
95.00	10.00	3.16	35.23	-1.62	-3.77	11.39
100.00	10.00	3.00	36.23	-1.89	-4.04	12.11
110.00	10.00	2.73	36.95	-1.84	-3.99	12.89
120.00	10.00	2.50	36.43	-1.20	-3.35	13.01
130.00	10.00	2.31	37.58	-1.43	-3.58	13.93
140.00	10.00	2.14	37.15	-0.89	-3.04	14.03
150.00	10.00	2.00	36.73	-0.38	-2.53	14.12
160.00	10.00	1.88	36.56	-0.02	-2.17	14.32
170.00	10.00	1.76	35.76	0.65	-1.51	14.18
180.00	10.00	1.67	35.75	0.90	-1.25	14.43
190.00	10.00	1.58	37.96	0.03	-2.12	15.77
191.00	10.00	1.57	41.00	-1.47	-3.62	17.31
200.00	10.00	1.50	37.08	0.69	-1.46	15.55



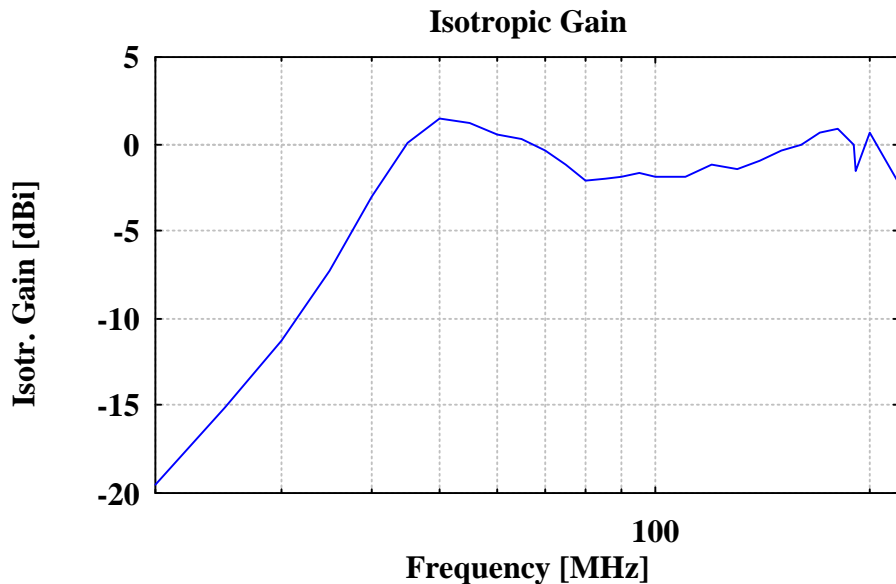
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[70608 gs]



Lineare und logarithmische Darstellung von Isotropgewinn und Antennenwandlungsmaß BBAL
LIN and LOG Presentation of Isotropic Gain and Antenna Factor of large BBAL in VHA 9103



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