

Tragbare Peilantenne Handheld Direction Finder



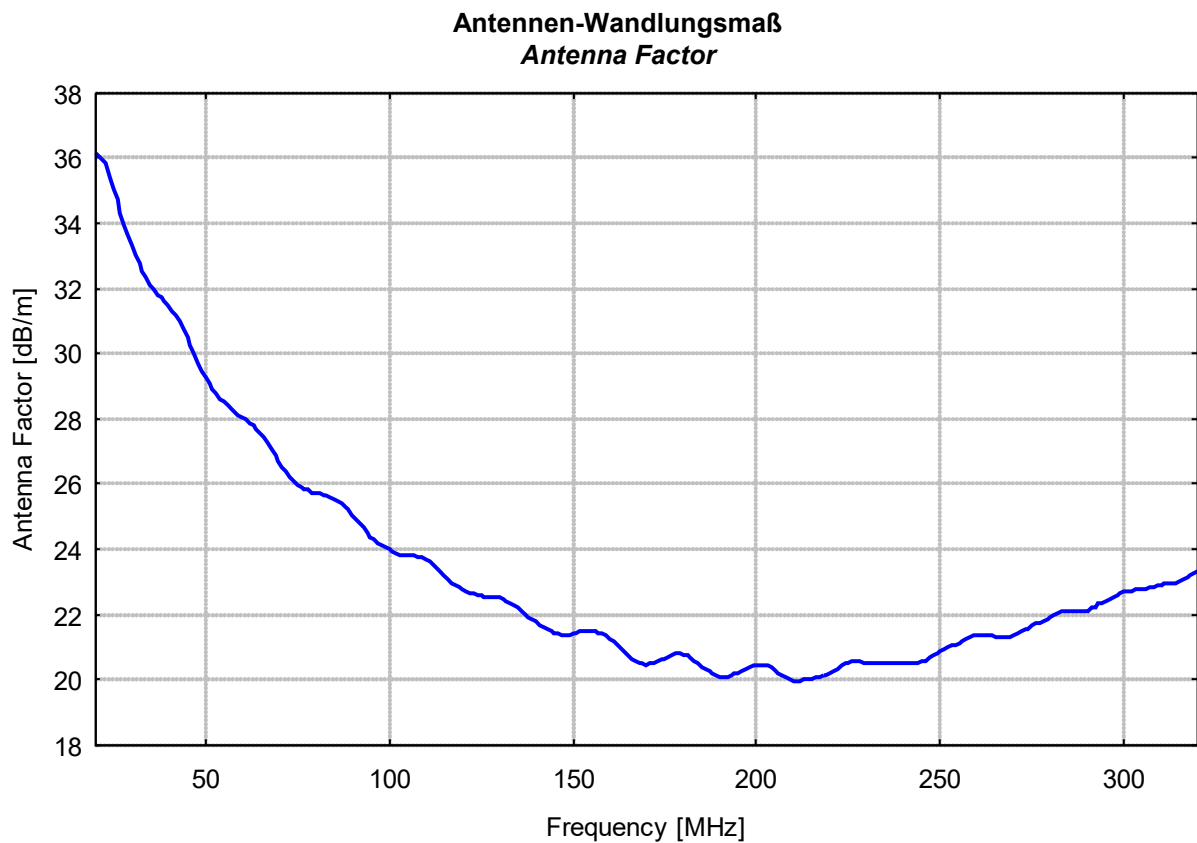
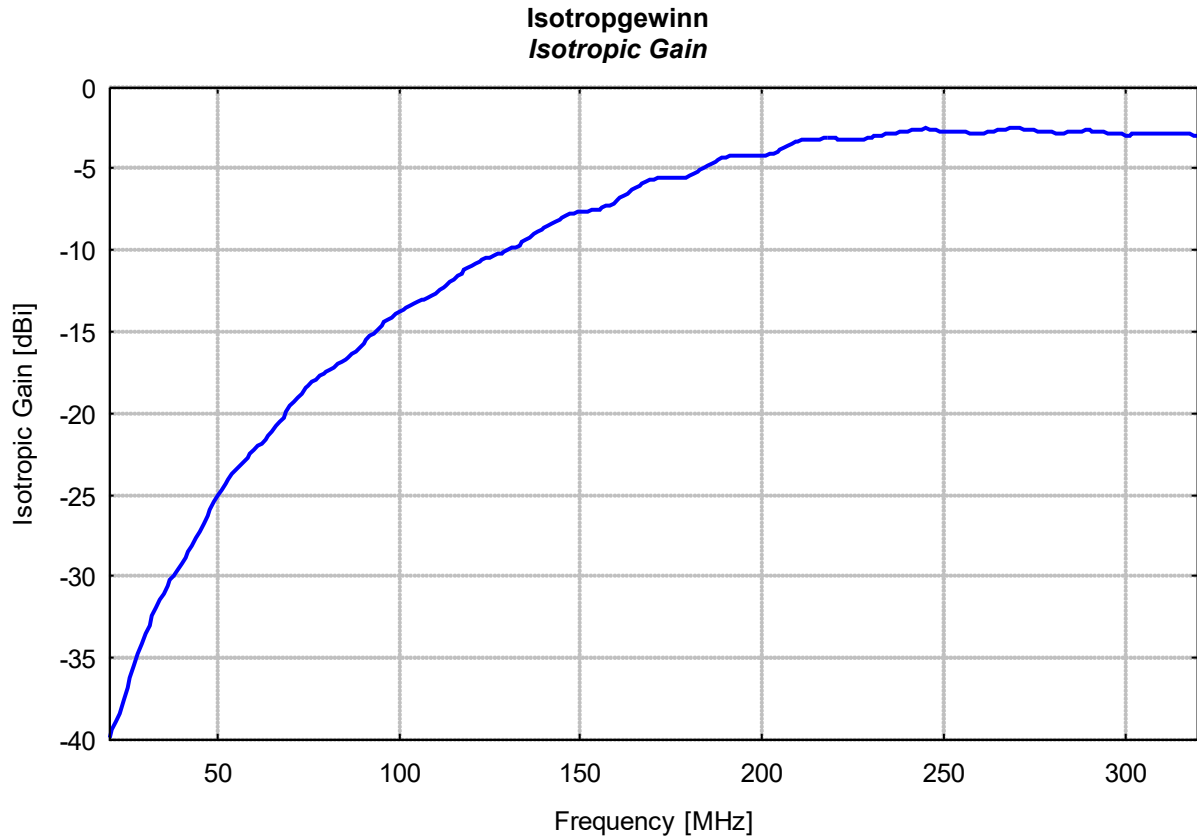
Technische Daten:		Specifications:
Frequenzbereich, nominell:	30 ... 300 MHz	Nominal Frequency Range:
Impedanz, nominell:	50 Ω	Nominal Impedance:
Anschluß:	N-Buchse / N-female	Connector:
3 dB Öffnungswinkel E-Ebene:	typ. 150°	3 dB Beamwidth E-plane:
3 dB Öffnungswinkel H-Ebene:	typ. 170°	3 dB Beamwidth H-plane:
VSWR:	typ. 2	VSWR:
Gewinn:	-40dBi ... - 2 dBi	
Antennen-Wandlungsmaß:	20 dB/m ... 36 dB/m	
Befestigungsrohr:	22 mm	Mounting Tube:
Abmessungen:	494 x 300 x 80 mm	
Gewicht:	1.1 kg	Weight:
Optionales Zubehör:	HHDF 5110 A HHDF 5110 C Handle CCA	Optional Accessories:

Beschreibung:

Die tragbare Peilantenne HHDF 5110 B dient in Verbindung mit einem Empfänger oder Spektrumanalysator zur Lokalisierung von Signalquellen. Durch den robusten Aufbau ist die HHDF 5110 B auch für den Außeneinsatz unter rauen Umgebungsbedingungen geeignet. Da die Richtcharakteristik in E-Ebene und H-Ebene sehr ähnlich ist, lassen sich sowohl vertikal als auch horizontal polarisierte Felder gleichermaßen gut messen.

Description:

The Handheld Direction Finder HHDF 5110 B was designed to locate radio transmitters in conjunction with a suitable portable receiver or spectrum analyser. Thanks to its robust structure, the HHDF 5110 B is suitable for outdoor use, even under harsh environmental conditions. Since the directional pattern in E-plane and H-plane is nearly equal, both horizontal and vertical polarisations can be measured well.



Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
20.00	-39.90	36.14
21.00	-39.40	36.06
22.00	-38.87	35.94
23.00	-38.36	35.82
24.00	-37.57	35.39
25.00	-36.86	35.04
26.00	-36.23	34.75
27.00	-35.48	34.33
28.00	-34.77	33.93
29.00	-34.15	33.62
30.00	-33.55	33.32
31.00	-32.97	33.01
32.00	-32.42	32.74
33.00	-31.91	32.50
34.00	-31.46	32.31
35.00	-31.01	32.11
36.00	-30.62	31.97
37.00	-30.23	31.81
38.00	-29.90	31.71
39.00	-29.56	31.60
40.00	-29.22	31.48
41.00	-28.84	31.32
42.00	-28.49	31.17
43.00	-28.11	31.00
44.00	-27.67	30.76
45.00	-27.21	30.50
46.00	-26.75	30.23
47.00	-26.33	30.00
48.00	-25.88	29.72
49.00	-25.45	29.47
50.00	-25.05	29.25
51.00	-24.70	29.08
52.00	-24.37	28.91
53.00	-24.05	28.76
54.00	-23.76	28.63
55.00	-23.50	28.53
56.00	-23.24	28.42
57.00	-22.98	28.32
58.00	-22.73	28.22
59.00	-22.49	28.13
60.00	-22.26	28.04
61.00	-22.03	27.96
62.00	-21.81	27.87
63.00	-21.58	27.78
64.00	-21.34	27.69
65.00	-21.09	27.57
66.00	-20.81	27.42
67.00	-20.53	27.27
68.00	-20.21	27.08
69.00	-19.89	26.89
70.00	-19.57	26.69
71.00	-19.27	26.52
72.00	-19.00	26.37
73.00	-18.74	26.22
74.00	-18.49	26.10

Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
75.00	-18.27	25.99
76.00	-18.08	25.91
77.00	-17.91	25.86
78.00	-17.75	25.82
79.00	-17.56	25.74
80.00	-17.44	25.72
81.00	-17.31	25.70
82.00	-17.18	25.67
83.00	-17.02	25.63
84.00	-16.88	25.58
85.00	-16.74	25.55
86.00	-16.59	25.50
87.00	-16.40	25.41
88.00	-16.20	25.31
89.00	-16.00	25.21
90.00	-15.77	25.07
91.00	-15.52	24.93
92.00	-15.30	24.79
93.00	-15.06	24.65
94.00	-14.83	24.52
95.00	-14.63	24.40
96.00	-14.44	24.30
97.00	-14.25	24.21
98.00	-14.09	24.13
99.00	-13.92	24.05
100.00	-13.77	23.99
101.00	-13.63	23.93
102.00	-13.50	23.90
103.00	-13.38	23.85
104.00	-13.28	23.84
105.00	-13.18	23.83
106.00	-13.09	23.82
107.00	-12.99	23.80
108.00	-12.89	23.77
109.00	-12.77	23.74
110.00	-12.62	23.67
111.00	-12.48	23.61
112.00	-12.32	23.52
113.00	-12.14	23.42
114.00	-11.96	23.31
115.00	-11.77	23.20
116.00	-11.58	23.09
117.00	-11.40	22.98
118.00	-11.22	22.88
119.00	-11.08	22.81
120.00	-10.94	22.75
121.00	-10.83	22.70
122.00	-10.72	22.67
123.00	-10.63	22.64
124.00	-10.51	22.60
125.00	-10.41	22.57
126.00	-10.34	22.56
127.00	-10.25	22.55
128.00	-10.18	22.54
129.00	-10.10	22.53

Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
130.00	-10.02	22.51
131.00	-9.91	22.48
132.00	-9.80	22.43
133.00	-9.67	22.36
134.00	-9.53	22.29
135.00	-9.37	22.20
136.00	-9.20	22.09
137.00	-9.05	22.01
138.00	-8.91	21.92
139.00	-8.77	21.85
140.00	-8.63	21.77
141.00	-8.49	21.69
142.00	-8.36	21.62
143.00	-8.23	21.55
144.00	-8.10	21.49
145.00	-8.00	21.44
146.00	-7.90	21.41
147.00	-7.81	21.37
148.00	-7.74	21.37
149.00	-7.69	21.38
150.00	-7.67	21.41
151.00	-7.64	21.44
152.00	-7.62	21.48
153.00	-7.58	21.50
154.00	-7.54	21.51
155.00	-7.48	21.50
156.00	-7.41	21.49
157.00	-7.32	21.46
158.00	-7.22	21.42
159.00	-7.10	21.35
160.00	-6.96	21.27
161.00	-6.82	21.18
162.00	-6.67	21.08
163.00	-6.52	20.98
164.00	-6.35	20.87
165.00	-6.18	20.75
166.00	-6.04	20.66
167.00	-5.92	20.59
168.00	-5.81	20.54
169.00	-5.72	20.50
170.00	-5.66	20.48
171.00	-5.61	20.49
172.00	-5.58	20.51
173.00	-5.58	20.57
174.00	-5.58	20.61
175.00	-5.58	20.66
176.00	-5.58	20.71
177.00	-5.58	20.76
178.00	-5.56	20.79
179.00	-5.51	20.79
180.00	-5.44	20.77
181.00	-5.36	20.73
182.00	-5.25	20.67
183.00	-5.12	20.59
184.00	-4.97	20.49

Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
185.00	-4.83	20.40
186.00	-4.71	20.32
187.00	-4.59	20.25
188.00	-4.48	20.18
189.00	-4.39	20.13
190.00	-4.31	20.10
191.00	-4.25	20.09
192.00	-4.23	20.11
193.00	-4.21	20.14
194.00	-4.20	20.18
195.00	-4.19	20.22
196.00	-4.21	20.27
197.00	-4.23	20.34
198.00	-4.24	20.40
199.00	-4.25	20.44
200.00	-4.22	20.46
201.00	-4.17	20.46
202.00	-4.13	20.45
203.00	-4.05	20.42
204.00	-3.94	20.36
205.00	-3.82	20.28
206.00	-3.70	20.19
207.00	-3.59	20.12
208.00	-3.48	20.06
209.00	-3.39	20.01
210.00	-3.32	19.99
211.00	-3.27	19.97
212.00	-3.23	19.98
213.00	-3.21	20.00
214.00	-3.19	20.02
215.00	-3.18	20.05
216.00	-3.17	20.08
217.00	-3.15	20.10
218.00	-3.15	20.14
219.00	-3.14	20.17
220.00	-3.16	20.22
221.00	-3.17	20.28
222.00	-3.21	20.35
223.00	-3.24	20.43
224.00	-3.27	20.49
225.00	-3.27	20.53
226.00	-3.27	20.57
227.00	-3.24	20.58
228.00	-3.19	20.57
229.00	-3.13	20.54
230.00	-3.06	20.51
231.00	-3.01	20.50
232.00	-2.97	20.50
233.00	-2.93	20.49
234.00	-2.90	20.50
235.00	-2.87	20.51
236.00	-2.85	20.53
237.00	-2.83	20.54
238.00	-2.79	20.54
239.00	-2.74	20.53

Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
240.00	-2.69	20.52
241.00	-2.66	20.52
242.00	-2.62	20.52
243.00	-2.60	20.53
244.00	-2.57	20.54
245.00	-2.55	20.56
246.00	-2.57	20.60
247.00	-2.61	20.68
248.00	-2.64	20.75
249.00	-2.68	20.82
250.00	-2.71	20.89
251.00	-2.74	20.95
252.00	-2.77	21.01
253.00	-2.77	21.05
254.00	-2.76	21.08
255.00	-2.77	21.13
256.00	-2.79	21.17
257.00	-2.81	21.23
258.00	-2.84	21.30
259.00	-2.86	21.34
260.00	-2.85	21.37
261.00	-2.84	21.39
262.00	-2.80	21.39
263.00	-2.76	21.38
264.00	-2.70	21.35
265.00	-2.64	21.33
266.00	-2.59	21.31
267.00	-2.56	21.31
268.00	-2.54	21.32
269.00	-2.52	21.33
270.00	-2.52	21.37
271.00	-2.54	21.42
272.00	-2.56	21.47
273.00	-2.59	21.53
274.00	-2.61	21.58
275.00	-2.65	21.66
276.00	-2.68	21.72
277.00	-2.69	21.76
278.00	-2.71	21.81
279.00	-2.74	21.87
280.00	-2.77	21.93
281.00	-2.81	22.01
282.00	-2.83	22.05

Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
283.00	-2.82	22.08
284.00	-2.80	22.09
285.00	-2.79	22.10
286.00	-2.76	22.10
287.00	-2.72	22.10
288.00	-2.69	22.10
289.00	-2.66	22.10
290.00	-2.66	22.13
291.00	-2.70	22.20
292.00	-2.73	22.25
293.00	-2.76	22.32
294.00	-2.78	22.37
295.00	-2.81	22.42
296.00	-2.84	22.48
297.00	-2.86	22.53
298.00	-2.88	22.59
299.00	-2.92	22.65
300.00	-2.94	22.70
301.00	-2.94	22.73
302.00	-2.92	22.74
303.00	-2.91	22.76
304.00	-2.89	22.76
305.00	-2.86	22.76
306.00	-2.84	22.78
307.00	-2.85	22.81
308.00	-2.88	22.87
309.00	-2.88	22.90
310.00	-2.89	22.93
311.00	-2.88	22.96
312.00	-2.86	22.96
313.00	-2.84	22.97
314.00	-2.83	22.98
315.00	-2.84	23.02
316.00	-2.88	23.10
317.00	-2.90	23.15
318.00	-2.92	23.19
319.00	-2.97	23.26
320.00	-3.00	23.32

Stehwellenverhältnis
Voltage Standing Wave Ratio

