



Four CA5-FM/CP/RM/50N Yagi Antennas

Oriented at 58, 138, 220 & 300 deg

Frequency: 92.7 MHz

Gain: 2.4 dBd (x 1.7)

Circular Polarization

Vertical Stacked

Horizontal plane Pattern

K224CJ



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Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	0.435	-7.22	-4.82	0.33	180	0.905	-0.86	1.54	1.42
5	0.455	-6.85	-4.45	0.36	185	0.902	-0.89	1.51	1.42
10	0.524	-5.61	-3.21	0.48	190	0.895	-0.96	1.44	1.39
15	0.608	-4.32	-1.92	0.64	195	0.893	-0.98	1.42	1.39
20	0.701	-3.08	-0.68	0.85	200	0.900	-0.91	1.49	1.41
25	0.784	-2.12	0.28	1.07	205	0.907	-0.84	1.56	1.43
30	0.856	-1.36	1.04	1.27	210	0.927	-0.65	1.75	1.49
35	0.917	-0.75	1.65	1.46	215	0.953	-0.42	1.98	1.58
40	0.963	-0.33	2.07	1.61	220	0.973	-0.24	2.16	1.64
45	0.987	-0.11	2.29	1.69	225	0.969	-0.27	2.13	1.63
50	0.997	-0.02	2.38	1.73	230	0.961	-0.35	2.05	1.60
55	0.998	-0.01	2.39	1.73	235	0.953	-0.42	1.98	1.58
60	0.981	-0.17	2.23	1.67	240	0.960	-0.36	2.04	1.60
65	0.942	-0.52	1.88	1.54	245	0.950	-0.45	1.95	1.57
70	0.905	-0.87	1.53	1.42	250	0.945	-0.49	1.91	1.55
75	0.876	-1.15	1.25	1.33	255	0.936	-0.58	1.82	1.52
80	0.870	-1.21	1.19	1.32	260	0.922	-0.70	1.70	1.48
85	0.868	-1.23	1.17	1.31	265	0.900	-0.92	1.48	1.41
90	0.888	-1.03	1.37	1.37	270	0.880	-1.11	1.29	1.35
95	0.908	-0.84	1.56	1.43	275	0.866	-1.25	1.15	1.30
100	0.929	-0.64	1.76	1.50	280	0.874	-1.17	1.23	1.33
105	0.941	-0.53	1.87	1.54	285	0.883	-1.08	1.32	1.35
110	0.948	-0.46	1.94	1.56	290	0.920	-0.73	1.67	1.47
115	0.956	-0.39	2.01	1.59	295	0.959	-0.37	2.03	1.60
120	0.959	-0.36	2.04	1.60	300	0.993	-0.06	2.34	1.71
125	0.957	-0.38	2.02	1.59	305	1.000	0.00	2.40	1.74
130	0.964	-0.32	2.08	1.62	310	0.993	-0.06	2.34	1.72
135	0.970	-0.26	2.14	1.64	315	0.979	-0.18	2.22	1.67
140	0.965	-0.31	2.09	1.62	320	0.949	-0.46	1.94	1.56
145	0.941	-0.53	1.87	1.54	325	0.895	-0.96	1.44	1.39
150	0.918	-0.75	1.65	1.46	330	0.829	-1.63	0.77	1.19
155	0.897	-0.94	1.46	1.40	335	0.753	-2.46	-0.06	0.99
160	0.895	-0.96	1.44	1.39	340	0.665	-3.54	-1.14	0.77
165	0.887	-1.04	1.36	1.37	345	0.573	-4.84	-2.44	0.57
170	0.896	-0.95	1.45	1.40	350	0.495	-6.11	-3.71	0.43
175	0.902	-0.90	1.50	1.41	355	0.440	-7.13	-4.73	0.34