

3x CA5-FM/CP/RM/CV Array

Oriented at 75, 185 & 290 degrees

Frequency: 104.9 MHz

Gain: 3.2 dBd (x 2.09 power multiplier)

Circular Polarization

Horizontal plane Pattern



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K285GW

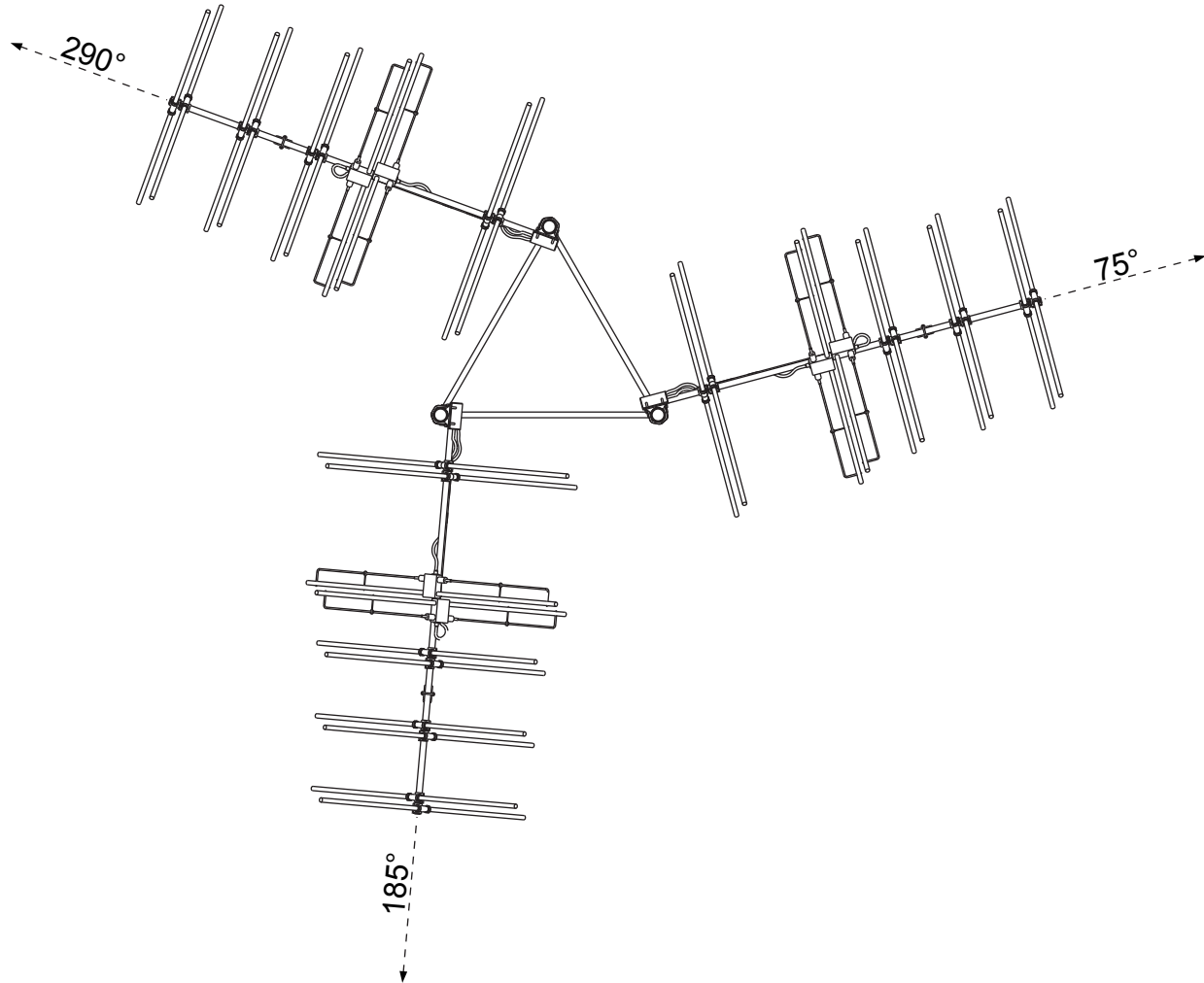
Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	0.336	-9.47	-6.27	0.24	180	0.982	-0.16	3.04	2.01
5	0.336	-9.46	-6.26	0.24	185	1.000	-0.00	3.20	2.09
10	0.338	-9.42	-6.22	0.24	190	0.980	-0.18	3.02	2.01
15	0.351	-9.10	-5.90	0.26	195	0.946	-0.48	2.72	1.87
20	0.384	-8.31	-5.11	0.31	200	0.900	-0.91	2.29	1.69
25	0.431	-7.31	-4.11	0.39	205	0.848	-1.43	1.77	1.50
30	0.490	-6.20	-3.00	0.50	210	0.780	-2.16	1.04	1.27
35	0.558	-5.07	-1.87	0.65	215	0.709	-2.98	0.22	1.05
40	0.626	-4.07	-0.87	0.82	220	0.644	-3.83	-0.63	0.87
45	0.692	-3.20	-0.00	1.00	225	0.580	-4.73	-1.53	0.70
50	0.747	-2.54	0.66	1.17	230	0.545	-5.27	-2.07	0.62
55	0.803	-1.91	1.29	1.35	235	0.526	-5.58	-2.38	0.58
60	0.850	-1.41	1.79	1.51	240	0.536	-5.42	-2.22	0.60
65	0.884	-1.08	2.12	1.63	245	0.571	-4.87	-1.67	0.68
70	0.918	-0.74	2.46	1.76	250	0.619	-4.16	-0.96	0.80
75	0.944	-0.50	2.70	1.86	255	0.691	-3.21	-0.01	1.00
80	0.959	-0.37	2.83	1.92	260	0.759	-2.39	0.81	1.20
85	0.946	-0.48	2.72	1.87	265	0.817	-1.76	1.44	1.39
90	0.926	-0.67	2.53	1.79	270	0.868	-1.23	1.97	1.57
95	0.895	-0.96	2.24	1.67	275	0.901	-0.91	2.29	1.69
100	0.860	-1.31	1.89	1.54	280	0.929	-0.64	2.56	1.80
105	0.806	-1.87	1.33	1.36	285	0.949	-0.46	2.74	1.88
110	0.747	-2.53	0.67	1.17	290	0.960	-0.35	2.85	1.93
115	0.676	-3.40	-0.20	0.95	295	0.940	-0.53	2.67	1.85
120	0.603	-4.39	-1.19	0.76	300	0.914	-0.78	2.42	1.74
125	0.555	-5.11	-1.91	0.64	305	0.880	-1.11	2.09	1.62
130	0.523	-5.64	-2.44	0.57	310	0.845	-1.46	1.74	1.49
135	0.515	-5.76	-2.56	0.55	315	0.795	-2.00	1.20	1.32
140	0.536	-5.41	-2.21	0.60	320	0.737	-2.65	0.55	1.14
145	0.577	-4.77	-1.57	0.70	325	0.679	-3.36	-0.16	0.96
150	0.643	-3.83	-0.63	0.86	330	0.612	-4.27	-1.07	0.78
155	0.710	-2.97	0.23	1.05	335	0.541	-5.33	-2.13	0.61
160	0.784	-2.12	1.08	1.28	340	0.474	-6.48	-3.28	0.47
165	0.852	-1.40	1.80	1.51	345	0.417	-7.60	-4.40	0.36
170	0.905	-0.87	2.33	1.71	350	0.375	-8.53	-5.33	0.29
175	0.949	-0.45	2.75	1.88	355	0.343	-9.31	-6.11	0.25

# 3x CA5-FM/CP/RM/CP

Circularly Polarized  
*Stacking Instructions*

**KATHREIN**

Frequency: 104.9 MHz



## NOTES:

- Mount Power Divider to the mast in a location that best permits connection to all antennas.
- Be sure that all leads are secured close to the mast and away from the antenna elements.
- The lead lengths must remain as built, any change will result in improper operation.