



# A.H. Systems Inc.

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1 Meter Spacing

Log Periodic Antenna

1000 Watts maximum continuous Power

Model Number: SAS-510-2

## Power Requirements in Watts for Field Strength of

Frequency (MHz)	1 V/m	2 V/m	5 V/m	10 V/m	20 V/m	100 V/m	200 V/m
290	0.013	0.051	0.316	1.265	5.060	126.51	506.02
300	0.012	0.049	0.308	1.233	4.931	123.28	493.11
325	0.011	0.045	0.283	1.132	4.528	113.21	452.85
350	0.010	0.042	0.262	1.047	4.188	104.70	418.79
375	0.009	0.037	0.232	0.928	3.713	92.82	371.29
400	0.009	0.036	0.227	0.908	3.631	90.77	363.09
425	0.009	0.034	0.215	0.860	3.440	86.00	343.99
450	0.009	0.034	0.214	0.855	3.419	85.47	341.87
475	0.007	0.030	0.185	0.742	2.967	74.17	296.67
500	0.008	0.031	0.194	0.776	3.105	77.63	310.53
525	0.007	0.026	0.165	0.659	2.638	65.95	263.79
550	0.008	0.031	0.194	0.777	3.106	77.65	310.60
575	0.007	0.029	0.183	0.730	2.922	73.04	292.15
600	0.008	0.033	0.204	0.814	3.258	81.44	325.77
625	0.007	0.029	0.183	0.733	2.932	73.31	293.22
650	0.007	0.028	0.176	0.703	2.813	70.32	281.29
675	0.007	0.027	0.168	0.672	2.689	67.22	268.87
700	0.006	0.025	0.156	0.622	2.489	62.22	248.87
725	0.006	0.025	0.155	0.620	2.482	62.04	248.16
750	0.006	0.025	0.158	0.634	2.535	63.38	253.52
775	0.006	0.026	0.161	0.645	2.579	64.48	257.90
800	0.006	0.024	0.151	0.605	2.421	60.52	242.09
825	0.007	0.027	0.167	0.667	2.667	66.67	266.67
850	0.007	0.028	0.178	0.711	2.842	71.05	284.22
875	0.007	0.026	0.163	0.654	2.616	65.39	261.56
900	0.007	0.027	0.169	0.677	2.709	67.73	270.91
925	0.007	0.027	0.170	0.682	2.726	68.16	272.63
950	0.007	0.029	0.178	0.713	2.853	71.33	285.33
975	0.007	0.028	0.178	0.712	2.847	71.17	284.66
1000	0.007	0.030	0.185	0.739	2.955	73.88	295.51
1100	0.008	0.032	0.201	0.806	3.222	80.56	322.24
1200	0.009	0.035	0.217	0.869	3.474	86.86	347.45
1300	0.008	0.031	0.197	0.787	3.149	78.72	314.87
1400	0.009	0.034	0.213	0.852	3.408	85.19	340.75
1500	0.008	0.034	0.211	0.842	3.369	84.22	336.88
1600	0.009	0.035	0.217	0.870	3.479	86.97	347.90
1700	0.007	0.030	0.186	0.743	2.972	74.31	297.25
1800	0.007	0.028	0.177	0.709	2.837	70.91	283.66
1900	0.008	0.030	0.190	0.761	3.043	76.08	304.31
2000	0.008	0.033	0.205	0.819	3.277	81.94	327.75