



A.H. Systems Inc.

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E-mail: Info@A.H.Systems.com

Web site: <http://www.AHSystems.com>

1 Meter Spacing

Log Periodic Antenna

1000 Watts maximum continuous Power

Model Number: SAS-510-4

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	0.053	0.329	1.314	5.256	131.40	525.62
300	0.013	0.051	0.318	1.270	5.081	127.02	508.10
325	0.011	0.046	0.284	1.138	4.552	113.80	455.18
350	0.010	0.041	0.259	1.037	4.150	103.74	414.95
375	0.010	0.038	0.240	0.959	3.837	95.94	383.74
400	0.009	0.037	0.231	0.926	3.703	92.57	370.26
425	0.009	0.036	0.224	0.897	3.587	89.66	358.66
450	0.009	0.035	0.218	0.872	3.486	87.16	348.62
475	0.008	0.032	0.200	0.801	3.205	80.13	320.53
500	0.008	0.031	0.194	0.776	3.105	77.63	310.53
525	0.009	0.035	0.216	0.863	3.451	86.27	345.07
550	0.009	0.036	0.224	0.898	3.591	89.77	359.09
575	0.008	0.031	0.193	0.772	3.090	77.24	308.96
600	0.009	0.035	0.218	0.872	3.487	87.17	348.67
625	0.007	0.029	0.183	0.731	2.925	73.14	292.54
650	0.007	0.028	0.174	0.697	2.787	69.68	278.71
675	0.007	0.028	0.172	0.690	2.759	68.98	275.91
700	0.006	0.026	0.162	0.647	2.588	64.70	258.80
725	0.007	0.027	0.167	0.668	2.671	66.78	267.14
750	0.007	0.027	0.168	0.671	2.682	67.06	268.23
775	0.006	0.026	0.162	0.649	2.596	64.89	259.58
800	0.006	0.023	0.146	0.583	2.331	58.27	233.07
825	0.007	0.027	0.166	0.665	2.658	66.46	265.84
850	0.007	0.027	0.166	0.665	2.659	66.46	265.86
875	0.006	0.025	0.155	0.621	2.483	62.09	248.35
900	0.007	0.026	0.165	0.658	2.632	65.81	263.22
925	0.007	0.027	0.170	0.678	2.713	67.82	271.29
950	0.007	0.027	0.171	0.686	2.744	68.59	274.38
975	0.007	0.028	0.175	0.701	2.806	70.15	280.58
1000	0.007	0.028	0.173	0.690	2.761	69.03	276.10
1100	0.008	0.030	0.188	0.753	3.011	75.27	301.08
1200	0.008	0.033	0.207	0.829	3.314	82.86	331.43
1300	0.008	0.034	0.210	0.842	3.366	84.15	336.61
1400	0.008	0.033	0.207	0.829	3.315	82.87	331.47
1500	0.008	0.033	0.205	0.818	3.273	81.83	327.32
1600	0.008	0.032	0.201	0.805	3.221	80.52	322.07
1700	0.008	0.030	0.189	0.758	3.031	75.78	303.12
1800	0.008	0.031	0.193	0.773	3.092	77.31	309.24
1900	0.007	0.027	0.170	0.678	2.712	67.80	271.22
2000	0.007	0.027	0.169	0.676	2.704	67.61	270.42
2100	0.007	0.028	0.172	0.688	2.753	68.83	275.33
2200	0.007	0.027	0.167	0.669	2.677	66.92	267.70
2300	0.008	0.031	0.194	0.776	3.103	77.59	310.34
2400	0.008	0.033	0.207	0.827	3.306	82.66	330.64
2500	0.009	0.036	0.225	0.899	3.594	89.86	359.44



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2600	0.009	0.034	0.214	0.856	3.424	85.61	342.45
2700	0.009	0.035	0.216	0.865	3.461	86.53	346.10
2800	0.010	0.039	0.243	0.972	3.890	97.24	388.97
2900	0.010	0.041	0.254	1.014	4.057	101.42	405.67
3000	0.010	0.039	0.245	0.980	3.921	98.04	392.15
3100	0.011	0.043	0.269	1.074	4.297	107.44	429.74
3200	0.013	0.053	0.334	1.336	5.345	133.62	534.46
3300	0.014	0.055	0.343	1.372	5.490	137.24	548.98
3400	0.012	0.048	0.303	1.211	4.843	121.07	484.27
3500	0.013	0.052	0.326	1.306	5.224	130.60	522.40
3600	0.016	0.063	0.392	1.567	6.270	156.75	627.00
3700	0.019	0.076	0.476	1.902	7.610	190.24	760.97
3800	0.020	0.078	0.491	1.962	7.848	196.21	784.85
3900	0.030	0.120	0.751	3.002	12.009	300.22	-----
4000	0.028	0.113	0.704	2.815	11.259	281.48	-----