



BRM64510 ALLOWABLE ANTENNA AREAS

EFFECTIVE PROJECTED AREA (E.P.A.)	BALLAST (LBS)	ZERO VELOCITY LOAD (PSF)	Vs (MPH)	Vmax AT CENTROID OF PROJECTED AREA, (MPH) 4" STD. PIPE MAST, 4.5" O.D., GRADE 50						
				CENTROID OF E.P.A.						
				h=4 FT	h=5 FT	h=6 FT	h=7 FT	h=8 FT	h=9 FT	h=10 FT
25 FT ²	500	5.0	63	81	72	66	61	57	54	51
	750	7.5	77	99	88	81	75	70	66	63
	1000	10.0	88	114	102	93	86	81	76	72
	1250	12.5	99	128	114	104	96	90	85	81
	1500	15.0	108	138	123	113	104	97	92	87
	1750	17.5	117	146	130	119	110	103	97	92
	2000	20.0	125	153	137	125	116	108	102	97
	2250	22.5	133	160	144	131	121	113	107	101
	2500	25.0	140	167	150	137	127	118	112	106
	2750	27.5	147	174	156	142	132	123	116	110
3000	30.0	153	177	158	144	134	125	118	112	
30 FT ²	500	5.0	57	74	66	60	56	52	49	47
	750	7.5	70	90	81	74	68	64	60	57
	1000	10.0	81	104	93	85	79	74	69	66
	1250	12.5	90	116	104	95	88	82	78	74
	1500	15.0	99	126	113	103	95	89	84	80
	1750	17.5	107	133	119	109	101	94	89	84
	2000	20.0	114	140	125	114	106	99	93	89
	2250	22.5	121	147	131	120	111	104	98	93
	2500	25.0	128	153	137	125	115	108	102	97
	2750	27.5	134	159	142	130	120	112	106	100
3000	30.0	140	161	144	132	122	114	108	102	
35 FT ²	500	5.0	53	68	61	56	52	48	45	43
	750	7.5	65	84	75	68	63	59	56	53
	1000	10.0	75	96	86	79	73	68	64	61
	1250	12.5	84	108	96	88	82	76	72	68
	1500	15.0	91	116	104	95	88	82	78	74
	1750	17.5	99	123	110	101	93	87	82	78
	2000	20.0	106	130	116	106	98	92	86	82
	2250	22.5	112	136	121	111	103	96	90	86
	2500	25.0	118	141	127	115	107	100	94	89
	2750	27.5	124	147	132	120	111	104	98	93
3000	30.0	129	149	134	122	113	106	100	94	

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