



ANGLE ANTENNA GRAVITY MOUNT
Ballast Requirements Chart

Antenna Diameter	Ballast (pounds)	Zero Velocity Roof Load	Max. V (MPH)	Wind Speeds Resulting in Sliding Coefficient of Friction = .50		
				EL = 0°	EL = 20°	EL = 40°
4 Ft. (1.2M)	1000	6	135	91	93	101
	1500	9	164	111	114	123
	2000	12	187	128	132	142
	2500	15	207	143	147	159
	3000	18	225	157	161	174
	3500	21	240	170	174	188
	4000	24	250	181	186	201
	5000	30	250	203	208	225
6 Ft. (1.8M)	1000	6	90	60	62	67
	1500	9	109	74	76	82
	2000	12	125	85	88	95
	2500	15	138	96	98	106
	3000	18	150	105	108	116
	3500	21	160	113	116	125
	4000	24	165	121	124	134
	5000	30	165	135	139	150
8 Ft. (2.4M)	1000	6	68	45	47	50
	1500	9	82	56	57	62
	2000	12	94	64	66	71
	2500	15	104	72	74	79
	3000	18	112	79	81	87
	3500	21	120	85	87	94
	4000	24	125	91	93	101
	5000	30	125	101	104	112
10 Ft. (3.0M)	1000	6	46	31	33	40
	1500	9	56	38	40	49
	2000	12	64	44	46	57
	2500	15	71	49	52	64
	3000	18	77	54	57	70
	3500	21	82	58	61	75
	4000	24	85	62	65	80
	5000	30	85	69	73	85
6000	36	85	76	80	85	

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