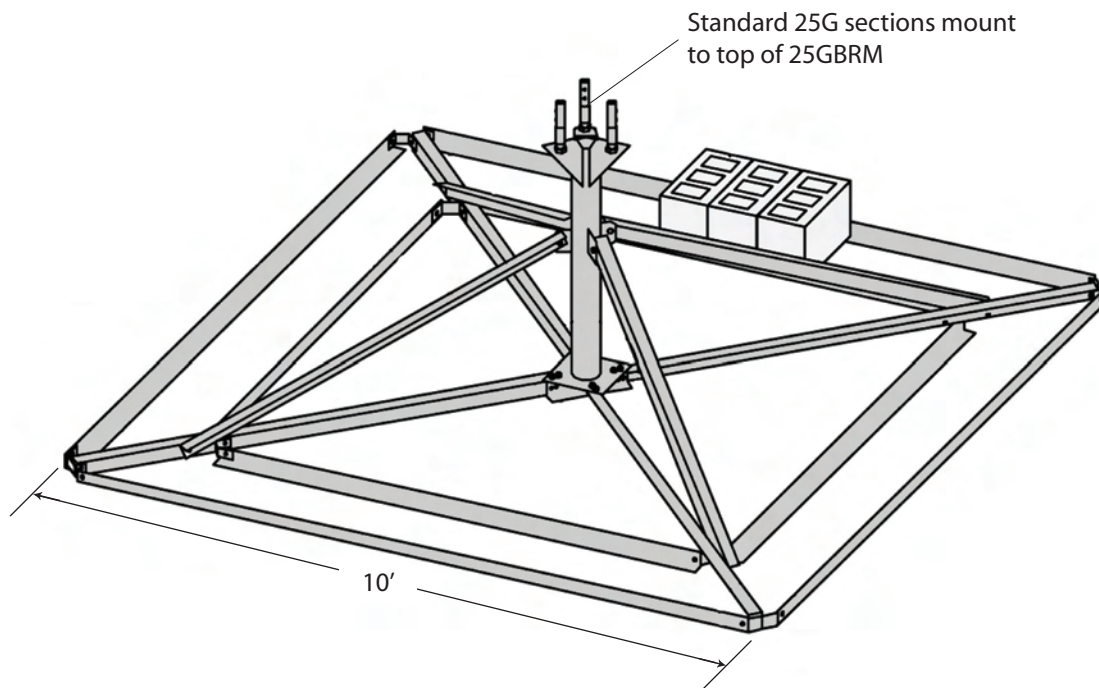


25GBRM

The 25GBRM non-penetrating roof mount, is designed to support 25G tower sections. The mount is able to support 2 sections of 25G tower in a self supporting application. The base of mount is 10' square with a 16" tray to fit the concrete blocks, typically used as ballast. The mount is galvanized for corrosion protection and goes together quickly.



25GBRM ALLOWABLE ANTENNA AREAS

Effective Projected Area (EPA) (FT ²)	Ballast (LBS)	Zero Velocity Load (PSF)	Vs One Section (MPH)	Vs Two Sections (MPH)	Vmax at centroid of projected area, (MPH)	
			h=12.4 FT	h=22.4 FT	1 Section h=12.4 FT	2 Sections h=22.4 FT
2	500	5.0	131	96	111	65
	750	7.5	160	117	136	80
	1000	10.0	185	135	157	92
	1250	12.5	207	151	176	103
	1500	15.0	227	165	190	111
	1750	17.5	245	179	201	118
	2000	20.0	250	191	211	124
	2250	22.5	250	203	221	130
	2500	25.0	250	214	231	135
	2750	27.5	250	224	240	140
3000	30.0	250	234	244	143	
4	500	5.0	113	88	92	57
	750	7.5	138	107	112	70
	1000	10.0	159	124	130	81
	1250	12.5	178	139	145	91
	1500	15.0	195	152	157	98
	1750	17.5	211	164	166	104
	2000	20.0	225	175	174	109
	2250	22.5	239	186	182	114
	2500	25.0	250	196	190	119
	2750	27.5	250	206	198	124
3000	30.0	250	215	201	126	
6	500	5.0	100	82	80	52
	750	7.5	123	100	98	63
	1000	10.0	142	115	113	73
	1250	12.5	159	129	126	82
	1500	15.0	174	141	136	88
	1750	17.5	188	152	144	94
	2000	20.0	201	163	152	98
	2250	22.5	213	173	159	103
	2500	25.0	224	182	166	107
	2750	27.5	235	191	172	112
3000	30.0	246	200	175	113	
8	500	5.0	91	76	72	48
	750	7.5	112	94	88	58
	1000	10.0	129	108	101	67
	1250	12.5	144	121	113	75
	1500	15.0	158	132	122	81
	1750	17.5	171	143	129	86
	2000	20.0	183	153	136	90
	2250	22.5	194	162	142	95
	2500	25.0	204	171	149	99
	2750	27.5	214	179	154	103
3000	30.0	224	187	157	104	
10	500	5.0	84	72	66	44
	750	7.5	103	89	80	54
	1000	10.0	119	102	93	63
	1250	12.5	133	114	104	70
	1500	15.0	146	125	112	76
	1750	17.5	158	135	118	80
	2000	20.0	169	145	124	84
	2250	22.5	179	153	130	88
	2500	25.0	189	162	136	92
	2750	27.5	198	169	141	95
3000	30.0	207	177	144	97	
12	500	5.0	79	69	61	42
	750	7.5	97	84	74	51
	1000	10.0	112	97	86	59
	1250	12.5	125	109	96	66
	1500	15.0	137	119	104	71
	1750	17.5	148	128	110	75
	2000	20.0	158	137	115	79
	2250	22.5	167	146	121	83
	2500	25.0	176	154	126	86
	2750	27.5	185	161	131	90
3000	30.0	193	168	133	91	

Effective Projected Area (EPA) (FT ²)	Ballast (LBS)	Zero Velocity Load (PSF)	Vs One Section (MPH)	Vs Two Sections (MPH)	Vmax at centroid of projected area, (MPH)	
			h=12.4 FT	h=22.4 FT	1 Section h=12.4 FT	2 Sections h=22.4 FT
14	500	5.0	74	66	57	39
	750	7.5	91	80	70	48
	1000	10.0	105	93	80	56
	1250	12.5	117	104	90	62
	1500	15.0	129	114	97	67
	1750	17.5	139	123	103	71
	2000	20.0	149	131	108	75
	2250	22.5	158	139	113	78
	2500	25.0	166	147	118	81
	2750	27.5	174	154	123	85
3000	30.0	182	161	125	86	
16	500	5.0	70	63	54	37
	750	7.5	86	77	66	46
	1000	10.0	100	89	76	53
	1250	12.5	111	99	85	59
	1500	15.0	122	109	92	64
	1750	17.5	132	118	97	67
	2000	20.0	141	126	102	71
	2250	22.5	149	133	107	74
	2500	25.0	157	141	111	77
	2750	27.5	165	147	116	80
3000	30.0	172	154	118	82	
18	500	5.0	67	60	51	36
	750	7.5	82	74	62	44
	1000	10.0	95	86	72	50
	1250	12.5	106	96	81	56
	1500	15.0	116	105	87	61
	1750	17.5	126	113	92	64
	2000	20.0	134	121	97	68
	2250	22.5	142	128	101	71
	2500	25.0	150	135	106	74
	2750	27.5	157	142	110	77
3000	30.0	164	148	112	78	