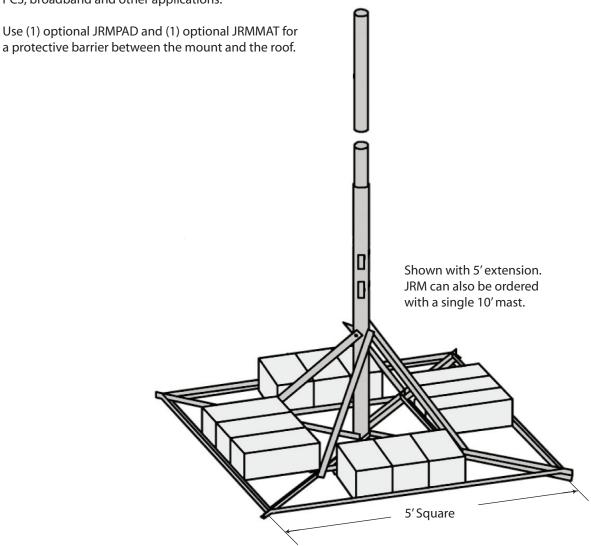
JRM

The JRM is a non-penetrating, ballast type roof mount that supports a 5' pipe mast. The mast is extendable to 10' and can be purchased in diameters from 2", 2.5" and 3" diameters. The JRM is designed to receive up to 12 standard concrete blocks as ballast. The JRM ships broken down on one skid and weighs approximately 50 lbs. when assembled. The JRM is used in cellular, PCS, broadband and other applications.



MAST SPECIFICATIONS

Part No.	Description
JRM23805	JRM Base w/ 5'x2" Mast Pipe
JRM23855	JRM Base w/ 10'x2" Mast Pipe (2 piece)
JRM23810	JRM Base w/ 10'x2" Mast Pipe (1 piece)
JRM27505	JRM Base w/ 5'x2-1/2" Mast Pipe
JRM27555	JRM Base w/ 10'x2-1/2" Mast Pipe (2 piece)
JRM27510	JRM Base w/ 10'x2-1/2" Mast Pipe (1 piece)
JRM35010	JRM Base w/ 10′x3″ Mast Pipe (1 piece)

JRM ALLOWABLE ANTENNA AREAS

Effective	Ballast (LBS)	Zero Velocity Load (PSF)	Vs (MPH)	Vmax at centroid of projected area, (MPH)							
Projected Area (EPA) (FT ²)				h=2 FT	h=3 FT	h=4 FT	h=5 FT	h=6 FT	h=7 FT	h=8 FT	h=9 FT
4	250 350 450 550 650 750 850 950 1050 1150 1250	10.0 14.0 18.0 22.0 26.0 30.0 34.0 38.0 42.0 46.0 50.0	110 131 148 164 178 191 204 215 226 237 247	129 153 173 191 208 224 238 252 265 277 289	105 125 141 156 170 183 194 205 216 226 236	91 108 122 135 147 158 168 178 187 196 204	82 97 110 121 132 141 151 159 167 175 183	75 88 100 111 120 129 137 145 153 160	69 82 93 102 111 120 127 135 141 148 154	65 76 87 96 104 112 119 126 132 138 144	61 72 82 90 98 105 112 119 125 131
5	250 350 450 550 650 750 850 950 1050 1150 1250	10.0 14.0 18.0 22.0 26.0 30.0 34.0 38.0 42.0 46.0 50.0	99 117 133 147 159 171 182 193 203 212 221	115 137 155 171 186 200 213 225 237 248 258	94 112 126 140 152 163 174 184 193 202 211	82 97 110 121 132 141 151 159 167 175 183	73 86 98 108 118 126 135 142 150 157	67 79 89 99 107 115 123 130 137 143 149	62 73 83 92 100 107 114 120 126 132 138	58 68 77 86 93 100 106 113 118 124 129	54 64 73 81 88 94 100 106 112 117
6	250 350 450 550 650 750 850 950 1050 1150 1250	10.0 14.0 18.0 22.0 26.0 30.0 34.0 38.0 42.0 46.0 50.0	90 107 121 134 145 156 166 176 185 193 202	105 125 141 156 170 183 194 205 216 226 236	86 102 115 128 139 149 159 168 176 185	75 88 100 111 120 129 137 145 153 160 167	67 79 89 99 107 115 123 130 137 143 149	61 72 82 90 98 105 112 119 125 131	56 67 76 84 91 98 104 110 115 121	53 62 71 78 85 91 97 103 108 113	50 59 67 74 80 86 92 97 102 107
7	250 350 450 550 650 750 850 950 1050 1150 1250	10.0 14.0 18.0 22.0 26.0 30.0 34.0 38.0 42.0 46.0 50.0	84 99 112 124 135 145 154 163 171 179 187	98 115 131 145 157 169 180 190 200 209 218	80 94 107 118 128 138 147 155 163 171 178	69 82 93 102 111 120 127 135 141 148 154	62 73 83 92 100 107 114 120 126 132 138	56 67 76 84 91 98 104 110 115 121	52 62 70 77 84 90 96 102 107 112	49 58 65 72 79 85 90 95 100 105	46 54 62 68 74 80 85 90 94 99
8	250 350 450 550 650 750 850 950 1050 1150 1250	10.0 14.0 18.0 22.0 26.0 30.0 34.0 38.0 42.0 46.0 50.0	78 92 105 116 126 135 144 152 160 168 175	91 108 122 135 147 158 168 178 187 196 204	75 88 100 111 120 129 137 145 153 160	65 76 87 96 104 112 119 126 132 138 144	58 68 77 86 93 100 106 113 118 124 129	53 62 71 78 85 91 97 103 108 113	49 58 65 72 79 85 90 95 100 105	46 54 61 68 74 79 84 89 94 98	43 51 58 64 69 75 79 84 88 92
10	250 350 450 550 650 750 850 950 1050 1150 1250	10.0 14.0 18.0 22.0 26.0 30.0 34.0 38.0 42.0 46.0 50.0	70 83 94 104 113 121 129 136 143 150	82 97 110 121 132 141 151 159 167 175 183	67 79 89 99 107 115 123 130 137 143 149	58 68 77 86 93 100 106 113 118 124 129	52 61 69 77 83 89 95 101 106 111	47 56 63 70 76 82 87 92 97 101 105	44 52 59 65 70 76 80 85 89 94	41 48 55 61 66 71 75 80 84 88 91	38 46 52 57 62 67 71 75 79 83 86

JRM ALLOWABLE ANTENNA AREAS

Effective Projected	Ballast	Zero Velocity	Vs (MPH)	Vmax at centroid of projected area, (MPH)							
	(LBS)	Load (PSF)		h=2 FT	h=3 FT	h=4 FT	h=5 FT	h=6 FT	h=7 FT	h=8 FT	h=9 FT
12	250 350 450 550 650 750 850 950 1050 1150 1250	10.0 14.0 18.0 22.0 26.0 30.0 34.0 38.0 42.0 46.0 50.0	64 75 86 95 103 110 118 124 131 137 143	75 88 100 111 120 129 137 145 153 160 167	61 72 82 90 98 105 112 119 125 131	53 62 71 78 85 91 97 103 108 113	47 56 63 70 76 82 87 92 97 101 105	43 51 58 64 69 75 79 84 88 92 96	40 47 53 59 64 69 73 78 82 85	37 44 50 55 60 65 69 73 76 80 83	35 42 47 52 57 61 65 68 72 75 79
14	250 350 450 550 650 750 850 950 1050 1150 1250	10.0 14.0 18.0 22.0 26.0 30.0 34.0 38.0 42.0 46.0 50.0	59 70 79 88 95 102 109 115 121 127	69 82 93 102 111 120 127 135 141 148 154	56 67 76 84 91 98 104 110 115 121	49 58 65 72 79 85 90 95 100 105 109	44 52 59 65 70 76 80 85 89 94	40 47 53 59 64 69 73 78 82 85	37 44 49 55 59 64 68 72 76 79 82	35 41 46 51 56 60 64 67 71 74	33 38 44 48 52 56 60 63 67 70 73
16	250 350 450 550 650 750 850 950 1050 1150 1250	10.0 14.0 18.0 22.0 26.0 30.0 34.0 38.0 42.0 46.0 50.0	55 65 74 82 89 96 102 108 113 118	65 76 87 96 104 112 119 126 132 138 144	53 62 71 78 85 91 97 103 108 113	46 54 61 68 74 79 84 89 94 98	41 48 55 61 66 71 75 80 84 88 91	37 44 50 55 60 65 69 73 76 80 83	35 41 46 51 56 60 64 67 71 74	32 38 43 48 52 56 60 63 66 69 72	30 36 41 45 49 53 56 59 62 65 68
18	250 350 450 550 650 750 850 950 1050 1150 1250	10.0 14.0 18.0 22.0 26.0 30.0 34.0 38.0 42.0 46.0 50.0	52 62 70 77 84 90 96 102 107 112	61 72 82 90 98 105 112 119 125 131	50 59 67 74 80 86 92 97 102 107	43 51 58 64 69 75 79 84 88 92 96	38 46 52 57 62 67 71 75 79 83	35 42 47 52 57 61 65 68 72 75	33 38 44 48 52 56 60 63 67 70 73	30 36 41 45 49 53 56 59 62 65 68	29 34 38 43 46 50 53 56 59 62 64
20	250 350 450 550 650 750 850 950 1050 1150	10.0 14.0 18.0 22.0 26.0 30.0 34.0 38.0 42.0 46.0 50.0	49 58 66 73 80 86 91 96 101 106 110	58 68 77 86 93 100 106 113 118 124 129	47 56 63 70 76 82 87 92 97 101	41 48 55 61 66 71 75 80 84 88 91	37 43 49 54 59 63 67 71 75 78	33 39 45 49 54 58 61 65 68 71 75	31 37 41 46 50 53 57 60 63 66 69	29 34 39 43 47 50 53 56 59 62 65	27 32 37 40 44 47 50 53 56 58 61
22	250 350 450 550 650 750 850 950 1050 1150 1250	10.0 14.0 18.0 22.0 26.0 30.0 34.0 38.0 42.0 46.0 50.0	47 56 63 70 76 82 87 92 97 101	55 65 74 82 89 95 102 107 113 118 123	45 53 60 67 72 78 83 88 92 96	39 46 52 58 63 67 72 76 80 83	35 41 47 52 56 60 64 68 71 75 78	32 38 43 47 51 55 59 62 65 68 71	29 35 39 44 47 51 54 57 60 63 66	28 33 37 41 44 48 51 54 56 59 62	26 31 35 38 42 45 48 51 53 56 58