ROOF MOUNTS







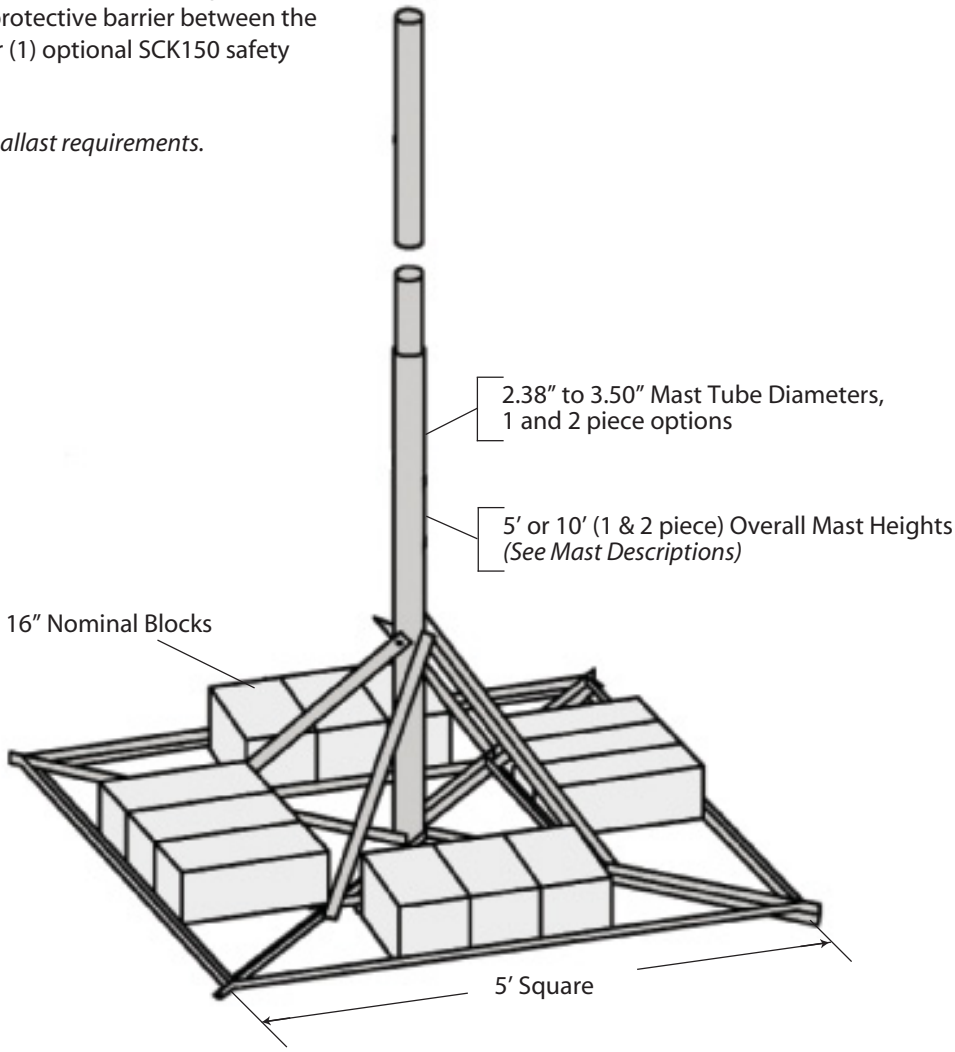


JRM
NON-PENETRATING

The JRM ships broken down on one skid and weighs approximately 50 lbs. when assembled. The JRM is galvanized for corrosion protection. The JRM is used in cellular, PCS, broadband and other applications.

Order (1) optional JRMMAT (1/8" thick) or (1) optional JRMPAD (3/8" thick) for a protective barrier between the mount and the roof. Order (1) optional SCK150 safety cable kit (3/16" x 150').

Refer to pages 255-256 for ballast requirements.



MAST SPECIFICATIONS

Mount Part No.	Mast Part No.	Mast Description & Height
JRM23805	FZ1755	2.38" O.D. x 0.154" wall x 5.0' (HDG) (1 piece)
JRM23855	FZ1753 / FZ1754	2.38" O.D. x 0.154" wall x 10.0' (HDG) (2 pieces)
JRM23810	FZ1756	2.38" O.D. x 0.154" wall x 10.0' (HDG) (1 piece)
JRM27505	FZ1757	2.88" O.D. x 0.203" wall x 5.0' (HDG) (1 piece)
JRM27555	FZ1758 / FZ1759	2.88" O.D. x 0.203" wall x 10.0' (HDG) (2 pieces)
JRM27510	FZ1760	2.88" O.D. x 0.203" wall x 10.0' (HDG) (1 piece)
JRM35010	FZ1761	3.50" O.D. x 0.216" wall x 10.0' (HDG) (1 piece)

HDG = Hot-dip galvanized mast

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JRM
BALLAST REQUIREMENTS

Effective Projected Area (EPA) (FT^2)	Ballast (LBS)	Zero Velocity Load (PSF)	Vs (MPH)	Vmax at centroid of projected area, (MPH)							
				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	10.0	110	129	105	91	82	75	69	65	61
	350	14.0	131	153	125	108	97	88	82	76	72
	450	18.0	148	173	141	122	110	100	93	87	82
	550	22.0	164	191	156	135	121	111	102	96	90
	650	26.0	178	208	170	147	132	120	111	104	98
	750	30.0	191	224	183	158	141	129	120	112	105
	850	34.0	204	238	194	168	151	137	127	119	112
	950	38.0	215	252	205	178	159	145	135	126	119
	1050	42.0	226	265	216	187	167	153	141	132	125
	1150	46.0	237	277	226	196	175	160	148	138	131
	1250	50.0	247	289	236	204	183	167	154	144	136
5	250	10.0	99	115	94	82	73	67	62	58	54
	350	14.0	117	137	112	97	86	79	73	68	64
	450	18.0	133	155	126	110	98	89	83	77	73
	550	22.0	147	171	140	121	108	99	92	86	81
	650	26.0	159	186	152	132	118	107	100	93	88
	750	30.0	171	200	163	141	126	115	107	100	94
	850	34.0	182	213	174	151	135	123	114	106	100
	950	38.0	193	225	184	159	142	130	120	113	106
	1050	42.0	203	237	193	167	150	137	126	118	112
	1150	46.0	212	248	202	175	157	143	132	124	117
	1250	50.0	221	258	211	183	163	149	138	129	122
6	250	10.0	90	105	86	75	67	61	56	53	50
	350	14.0	107	125	102	88	79	72	67	62	59
	450	18.0	121	141	115	100	89	82	76	71	67
	550	22.0	134	156	128	111	99	90	84	78	74
	650	26.0	145	170	139	120	107	98	91	85	80
	750	30.0	156	183	149	129	115	105	98	91	86
	850	34.0	166	194	159	137	123	112	104	97	92
	950	38.0	176	205	168	145	130	119	110	103	97
	1050	42.0	185	216	176	153	137	125	115	108	102
	1150	46.0	193	226	185	160	143	131	121	113	107
	1250	50.0	202	236	192	167	149	136	126	118	111
7	250	10.0	84	98	80	69	62	56	52	49	46
	350	14.0	99	115	94	82	73	67	62	58	54
	450	18.0	112	131	107	93	83	76	70	65	62
	550	22.0	124	145	118	102	92	84	77	72	68
	650	26.0	135	157	128	111	100	91	84	79	74
	750	30.0	145	169	138	120	107	98	90	85	80
	850	34.0	154	180	147	127	114	104	96	90	85
	950	38.0	163	190	155	135	120	110	102	95	90
	1050	42.0	171	200	163	141	126	115	107	100	94
	1150	46.0	179	209	171	148	132	121	112	105	99
	1250	50.0	187	218	178	154	138	126	117	109	103
8	250	10.0	78	91	75	65	58	53	49	46	43
	350	14.0	92	108	88	76	68	62	58	54	51
	450	18.0	105	122	100	87	77	71	65	61	58
	550	22.0	116	135	111	96	86	78	72	68	64
	650	26.0	126	147	120	104	93	85	79	74	69
	750	30.0	135	158	129	112	100	91	85	79	75
	850	34.0	144	168	137	119	106	97	90	84	79
	950	38.0	152	178	145	126	113	103	95	89	84
	1050	42.0	160	187	153	132	118	108	100	94	88
	1150	46.0	168	196	160	138	124	113	105	98	92
	1250	50.0	175	204	167	144	129	118	109	102	96
10	250	10.0	70	82	67	58	52	47	44	41	38
	350	14.0	83	97	79	68	61	56	52	48	46
	450	18.0	94	110	89	77	69	63	59	55	52
	550	22.0	104	121	99	86	77	70	65	61	57
	650	26.0	113	132	107	93	83	76	70	66	62
	750	30.0	121	141	115	100	89	82	76	71	67
	850	34.0	129	151	123	106	95	87	80	75	71
	950	38.0	136	159	130	113	101	92	85	80	75
	1050	42.0	143	167	137	118	106	97	89	84	79
	1150	46.0	150	175	143	124	111	101	94	88	83
	1250	50.0	156	183	149	129	115	105	98	91	86

h = Distance from support surface to centroid of EPA.

Vmax = Effective wind velocity based on strength or overturning.

Vs = Effective wind velocity resulting in sliding on a flat surface with a .50 coefficient of friction.

NOTE: *Mast strength may govern antenna capacity.*

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JRM
BALLAST REQUIREMENTS

Effective Projected Area (EPA) (FT^2)	Ballast (LBS)	Zero Velocity Load (PSF)	Vs (MPH)	Vmax at centroid of projected area, (MPH)							
				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	10.0	64	75	61	53	47	43	40	37	35
	350	14.0	75	88	72	62	56	51	47	44	42
	450	18.0	86	100	82	71	63	58	53	50	47
	550	22.0	95	111	90	78	70	64	59	55	52
	650	26.0	103	120	98	85	76	69	64	60	57
	750	30.0	110	129	105	91	82	75	69	65	61
	850	34.0	118	137	112	97	87	79	73	69	65
	950	38.0	124	145	119	103	92	84	78	73	68
	1050	42.0	131	153	125	108	97	88	82	76	72
	1150	46.0	137	160	131	113	101	92	85	80	75
	1250	50.0	143	167	136	118	105	96	89	83	79
14	250	10.0	59	69	56	49	44	40	37	35	33
	350	14.0	70	82	67	58	52	47	44	41	38
	450	18.0	79	93	76	65	59	53	49	46	44
	550	22.0	88	102	84	72	65	59	55	51	48
	650	26.0	95	111	91	79	70	64	59	56	52
	750	30.0	102	120	98	85	76	69	64	60	56
	850	34.0	109	127	104	90	80	73	68	64	60
	950	38.0	115	135	110	95	85	78	72	67	63
	1050	42.0	121	141	115	100	89	82	76	71	67
	1150	46.0	127	148	121	105	94	85	79	74	70
	1250	50.0	132	154	126	109	98	89	82	77	73
16	250	10.0	55	65	53	46	41	37	35	32	30
	350	14.0	65	76	62	54	48	44	41	38	36
	450	18.0	74	87	71	61	55	50	46	43	41
	550	22.0	82	96	78	68	61	55	51	48	45
	650	26.0	89	104	85	74	66	60	56	52	49
	750	30.0	96	112	91	79	71	65	60	56	53
	850	34.0	102	119	97	84	75	69	64	60	56
	950	38.0	108	126	103	89	80	73	67	63	59
	1050	42.0	113	132	108	94	84	76	71	66	62
	1150	46.0	118	138	113	98	88	80	74	69	65
	1250	50.0	124	144	118	102	91	83	77	72	68
18	250	10.0	52	61	50	43	38	35	33	30	29
	350	14.0	62	72	59	51	46	42	38	36	34
	450	18.0	70	82	67	58	52	47	44	41	38
	550	22.0	77	90	74	64	57	52	48	45	43
	650	26.0	84	98	80	69	62	57	52	49	46
	750	30.0	90	105	86	75	67	61	56	53	50
	850	34.0	96	112	92	79	71	65	60	56	53
	950	38.0	102	119	97	84	75	68	63	59	56
	1050	42.0	107	125	102	88	79	72	67	62	59
	1150	46.0	112	131	107	92	83	75	70	65	62
	1250	50.0	116	136	111	96	86	79	73	68	64
20	250	10.0	49	58	47	41	37	33	31	29	27
	350	14.0	58	68	56	48	43	39	37	34	32
	450	18.0	66	77	63	55	49	45	41	39	37
	550	22.0	73	86	70	61	54	49	46	43	40
	650	26.0	80	93	76	66	59	54	50	47	44
	750	30.0	86	100	82	71	63	58	53	50	47
	850	34.0	91	106	87	75	67	61	57	53	50
	950	38.0	96	113	92	80	71	65	60	56	53
	1050	42.0	101	118	97	84	75	68	63	59	56
	1150	46.0	106	124	101	88	78	71	66	62	58
	1250	50.0	110	129	105	91	82	75	69	65	61
22	250	10.0	47	55	45	39	35	32	29	28	26
	350	14.0	56	65	53	46	41	38	35	33	31
	450	18.0	63	74	60	52	47	43	39	37	35
	550	22.0	70	82	67	58	52	47	44	41	38
	650	26.0	76	89	72	63	56	51	47	44	42
	750	30.0	82	95	78	67	60	55	51	48	45
	850	34.0	87	102	83	72	64	59	54	51	48
	950	38.0	92	107	88	76	68	62	57	54	51
	1050	42.0	97	113	92	80	71	65	60	56	53
	1150	46.0	101	118	96	83	75	68	63	59	56
	1250	50.0	105	123	101	87	78	71	66	62	58

h = Distance from support surface to centroid of EPA.

Vmax = Effective wind velocity based on strength or overturning.

Vs = Effective wind velocity resulting in sliding on a flat surface with a .50 coefficient of friction.

NOTE: *Mast strength may govern antenna capacity.*

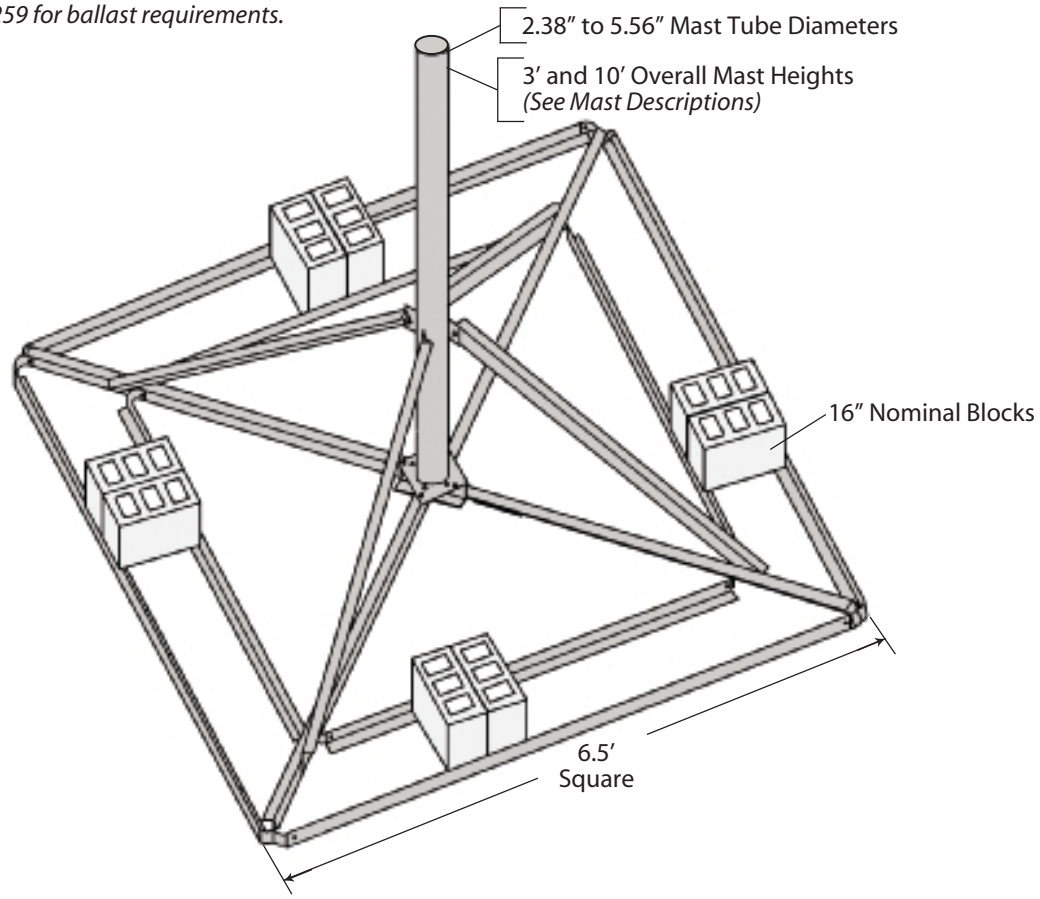
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BRM4
NON-PENETRATING

The BRM4 mount is hot-dip galvanized after fabrication for corrosion protection.

Order (1) optional BRM4MAT (1/8" thick) or (1) optional BRM4PAD (3/8" thick) for a protective barrier between the mount and the roof. Order (1) optional SCK150 safety cable kit (3/16" x 150').

Refer to pages 258-259 for ballast requirements.



MAST SPECIFICATIONS

Mount Part No.	Mast Part No.	Mast Description & Height
BRM425	KY1590	2.38" O.D. x 0.154" wall x 3.0'
BRM430	KY1592	2.88" O.D. x 0.203" wall x 3.0'
BRM435	KY1594	3.50" O.D. x 0.216" wall x 3.0'
BRM440	KY1596	4.00" O.D. x 0.226" wall x 3.0'
BRM445	KY1598	4.50" O.D. x 0.237" wall x 3.0'
BRM455	KY1600	5.56" O.D. x 0.258" wall x 3.0'
BRM42510	KY2061	2.38" O.D. x 0.154" wall x 10.0'
BRM43510	KY2063	3.50" O.D. x 0.216" wall x 10.0'
BRM44510	KY2065	4.50" O.D. x 0.237" wall x 10.0'

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