



4'-0" EXCEPT  
BRM64510M =  
10'-0"

INSTALL ANGLE ON  
OUTER SURFACE OF  
BASE CLIP.

INSTALL BALLAST UNIFORMLY  
DISTRIBUTED OVER ALL PANELS  
(PROVIDED BY OTHERS)

INSTALL ANGLE ON  
OUTER SURFACE OF  
BASE CLIP.

INSTALL BOLTS WITH NUTS  
ON TOP OF BASE PLATE

NOTE: ANTENNA MAST OMITTED  
FROM THIS VIEW FOR  
CLARITY.

**MAST SPECIFICATIONS**

BRM6 NO.	PART NO.	DESCRIPTION	DWG NO.
BRM630M	KY2110	BRM6 WITH 2.5 STD PIPE (2-7/8 OD) X 45-3/4"	
BRM635M	KY1570	BRM6 WITH 3.0 STD PIPE (3-1/2 OD) X 45-3/4"	
BRM640M	KY1578	BRM6 WITH 3.5 STD PIPE (4 OD) X 45-3/4"	
BRM645M	KY1579	BRM6 WITH 4.0 STD PIPE (4-1/2 OD) X 45-3/4"	
BRM655M	KY1580	BRM6 WITH 5.0 STD PIPE (5-9/16 OD) X 45-3/4"	
BRM665M	KY1581	BRM6 WITH 6.0 STD PIPE (6-5/8 OD) X 45-3/4"	
BRM64510M	KY2043	BRM6 WITH 4.0 STD PIPE (4-1/2 OD) X 117-3/4"	

**BRM6 BILL OF MATERIAL**

ITEM	QTY.	PART NO.	DESCRIPTION	DWG NO.
1	1	SEE CHART	ANTENNA MAST SUPPORT	C890745
2	4	KY1573M	BASE DIAGONAL	B890738
3	1	KY1574	BASE ANGLE CENTER	B890739
4	4	KY1572	BASE GIRT INNER	B890744
5	4	KY1571	BASE GIRT OUTER	B980740
6	4	KY1575	KNEE BASE ANGLE	B890741
7	1	KY1577A	HARDWARE KIT	N/A

**KY1577A HARDWARE KIT BILL OF MATERIAL**

ITEM	QTY.	PART NO.	DESCRIPTION	DWG NO.
8	16	KY1576	BASE CLIPS	B881269
9	44	210079G	BOLT 3/8 X 1	N/A
10	44	230005	NUT HVY HEX 3/8 GR 2H HDG	N/A

NOTE: ALL PARTS HOT DIP GALVANIZED

**GENERAL NOTES**

1. PRIOR TO INSTALLATION VERIFY THAT THE INSTALLATION, ROOF MATERIAL AND SUPPORTING STRUCTURE HAVE BEEN INVESTIGATED AND FOUND CAPABLE OF WITHSTANDING ALL LOADS IMPOSED BY THE PROPOSED ANTENNA SYSTEM. CONFIRM THAT THE SUPPORTING SURFACES, ANCHORS, AND/OR SAFETY CABLES, IF REQUIRED, HAVE BEEN FOUND TO BE ADEQUATE TO RESIST THE REACTIONS FROM THE ANTENNA SYSTEM AND THAT THE INSTALLATION WILL BE IN CONFORMANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.
  2. ALL ANTENNA INSTALLATIONS MUST BE GROUNDED TO MEET APPLICABLE CODES.
  3. SAFETY CABLE KITS CONSISTING OF A 3/4" EHS SAFETY CABLE (3900 LBS ULTIMATE STRENGTH) WITH SIX CLAMPS TO SECURE MOUNT AND/OR BALLAST ARE AVAILABLE AS AN OPTION. USE THREE CABLE CLAMPS AT EACH END CONNECTION WITH THE U-BOLT ON THE DEAD END OF THE CABLE.
- SAFETY CABLE LENGTH**
- | SAFETY CABLE LENGTH | PART NUMBER |
|---------------------|-------------|
| 50FT                | SCK50       |
| 100FT               | SCK100      |
| 150FT               | SCK150      |
4. ROOF PADS ARE AVAILABLE AS AN OPTION. PART NUMBER BRM6PAD.
  5. HIGH STRENGTH BOLTS ARE PROVIDED. NUT LOCKING IS DEPENDENT UPON INITIAL TENSION IN BOLT. INSPECT MOUNT, ANTENNA AND TIGHTNESS OF NUTS AT SIX MONTH MAXIMUM INTERVALS.
  6. FOR ASSISTANCE IN DETERMINING BALLAST REQUIREMENTS, REFER TO DRAWING A890747, 1-6, AND A942359, 1-8.

FILE NO.

STDPUBLIC

REV#	DESCRIPTION	DWGN	CHK	APP
6	REDRAWN INTO AUTOCAD FORMAT	KB3	M.F	HA
7	DATE: Aug/21/2007 CHANGED 230024 TO 230005	ABS	JDM	HA
	DATE: Apr/25/2008			

DWG REFERENCE

**ROHN**  
PRODUCTS  
6718 WEST PLANK ROAD  
PEORIA, IL 61604  
TOLL FREE 800-727-ROHN

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**ROOF MOUNT**  
BRM6 Ballast Roof Mount

DWGN:	CHK'D:	DATE:
JDM	TWS	Jun/13/1996
ENGR:	WMN	
DRAWING NO:		REV:
D890722		7