

REVISIONS				
REV#	DESCRIPTION	DWGN	CHKD	APP
5	UPDATED DRAWING NUMBER REMOVED R1	JDM	M.F	H.A
6	DATE: Sep/20/2010 REVISED DESCRIPTION OF P/N F21756 FROM 10' x 2-7/8" TO 10' x 2-3/8" DATE: Feb/03/2011	JWS	JDM	HA

DWG REFERENCE			

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**ROHM**  
PRODUCTS LLC  
PO BOX 5999  
PEORIA, IL 61601-5999  
TOLL FREE 800-727-ROHM

ANTENNA MOUNT  
JRM BALLAST ROOF MOUNT

DWGN: B\_F    CHKD: B\_N    DATE: Jul/21/1998  
ENGR: TWS  
DRAWING NO: D980022    REV: 6

BILL OF MATERIAL			
ITEM	PART NO.	DESCRIPTION	QUANTITY
1	F21750	FORMED ANGLE COMPONENT 5.19'	4
2	F21751	FORMED ANGLE COMPONENT 2.51'	4
3	F21752	FORMED ANGLE COMPONENT 3.69'	4
4	0225/543	FORMED ANGLE COMPONENT 3.09'	4
5	F21755	5' x 2-3/8" MAST TUBE ASSY W / HDW	1
6	F21754	5' MAST TUBE TOP SECTION	1
6	F21753	5' SWAGED MAST TUBE BOTTOM SECTION	1
5	F21756	10' x 2-3/8" MAST TUBE ASSY W/ HDW 1 PIECE	1
5	F21757	5' x 2-7/8" MAST TUBE ASSY W / HDW	1
6	F21758	5' MAST TUBE TOP SECTION	1
6	F21759	5' x SWAGED MAST TUBE BOTTOM SECTION	1
5	F21760	10' x 2-7/8" MAST TUBE ASSY W/ HDW 1 PIECE	1
5	F21761	10' x 3" STD MAST TUBE ASSY W/ HDW 1 PIECE	1
7	740038	STICKER DANGER WATCH WIRE	1
8	740229	LABEL PATENT 4649675	1
9	210502	BOLT 3/8 - 16 x 4 -1/2 G5 HCS	4
10	210273G	BOLT 3/8 - 16 x 1 CARRIAGE G5	4
11	250082	WASHER 3/8 SPLIT LOCK	12
12	230005	NUT 3/8 GR 2H HDG	16
1	FORM D980022R1	ASSEMBLY PRINT DRAWING FOR JRM	1
1	FORM A981812	BALLAST CHART DRAWING	1
1	720006	POLY BAG 9 x 13 x 4 MIL	1
1	JRM23805	JRM BASE W/ 5' x 2" MAST PIPE (2-3/8 O.D.) 1 PIECE	1
1	JRM23855	JRM BASE W/ 10' x 2" MAST PIPE (2-3/8 O.D.) 2 PIECE	1
1	JRM23810	JRM BASE W/ 10' x 2" MAST PIPE (2-3/8 O.D.) 1 PIECE	1
1	JRM27505	JRM BASE W/ 5' x 2-1/2" MAST PIPE (2-7/8 O.D.) 1 PIECE	1
1	JRM27555	JRM BASE W/ 10' x 2 -1/2" MAST PIPE (2-7/8 O.D.) 2 PIECE	1
1	JRM27510	JRM BASE W/ 10' x 2-1/2" MAST PIPE (2-7/8 O.D.) 1 PIECE	1
1	JRM35010	JRM BASE W/ 10' x 3" MAST PIPE (3-1/2 O.D.) 1 PIECE	1

**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. ADEQUATE BALLAST MATERIAL MUST BE DETERMINED AND PROVIDED BY OTHERS TO PREVENT OVERTURNING AND SLIDING AT THE DESIGN WIND LOAD. SEE DRAWING A981812 FOR BALLAST AND ALLOWABLE ANTENNA AREAS INFORMATION.
4. ROHN RECOMMENDS THAT BALLAST MATERIAL ALWAYS BE PLACED PRIOR TO MOUNTING THE ANTENNA AND THAT ROOF PADS AND MOUNT BE SECURED TO PREVENT HAZARDOUS FROM OCCURRING UNDER EXTREME WIND LOADING CONDITIONS. PRECAUTIONS SHOULD ALWAYS BE TAKEN TO PREVENT THE INADVERTENT REMOVAL OF BALLAST MATERIAL AFTER INSTALLATION AND TO INSURE THAT BALLAST MATERIAL IS FULLY SUPPORTED BY THE BALLAST.
5. WHEN ADHESIVES, SEALANTS OR PADS ARE UTILIZED, THEY MUST BE COMPATIBLE WITH THE SUPPORTING SURFACE, THEY MUST ALSO BE DURABLE AND HAVE ADEQUATE STRENGTH. PRECAUTIONS SHOULD ALSO BE TAKEN TO INSURE THAT DAMAGE TO THE SUPPORTING SURFACE WILL NOT OCCUR UPON WIND LOADING.
6. SAFETY CABLE KITS CONSISTING OF A 3/16 EHS SAFETY CABLE ( 3990 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 OF THE CABLE.

SAFETY CABLE LENGTH	PART NUMBER
50 FT	SCK50
100FT	SCK100
150 FT	SCK150

7. ROOF PADS OR MATS ARE AVAILABLE AS AN OPTION. PART NUMBERS JRM PAD & JRM MAT.  
8. INSPECT MOUNT, ANTENNA AND TIGHTNESS OF NUTS AT SIX MONTH MAXIMUM INTERVALS.

