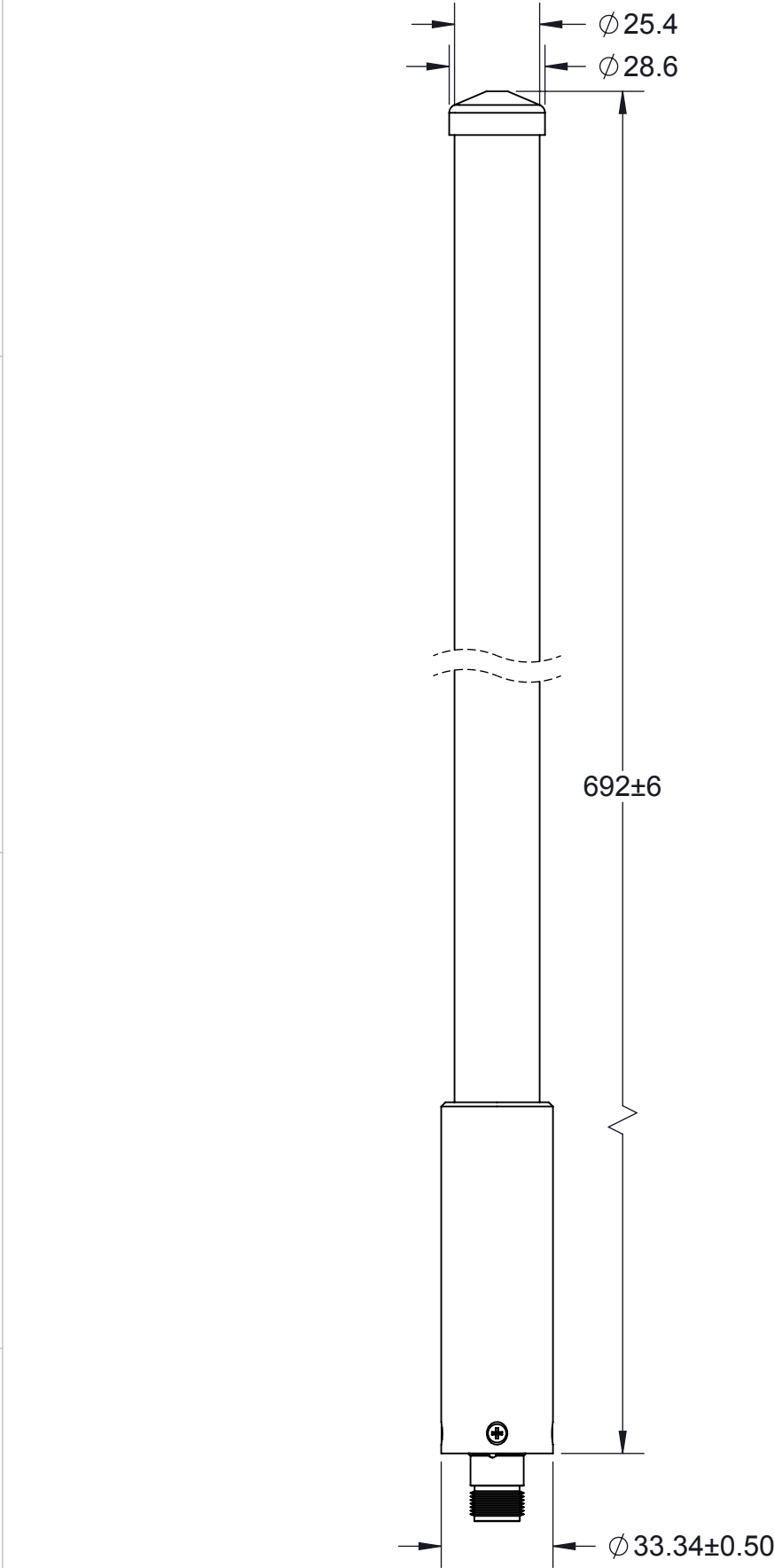


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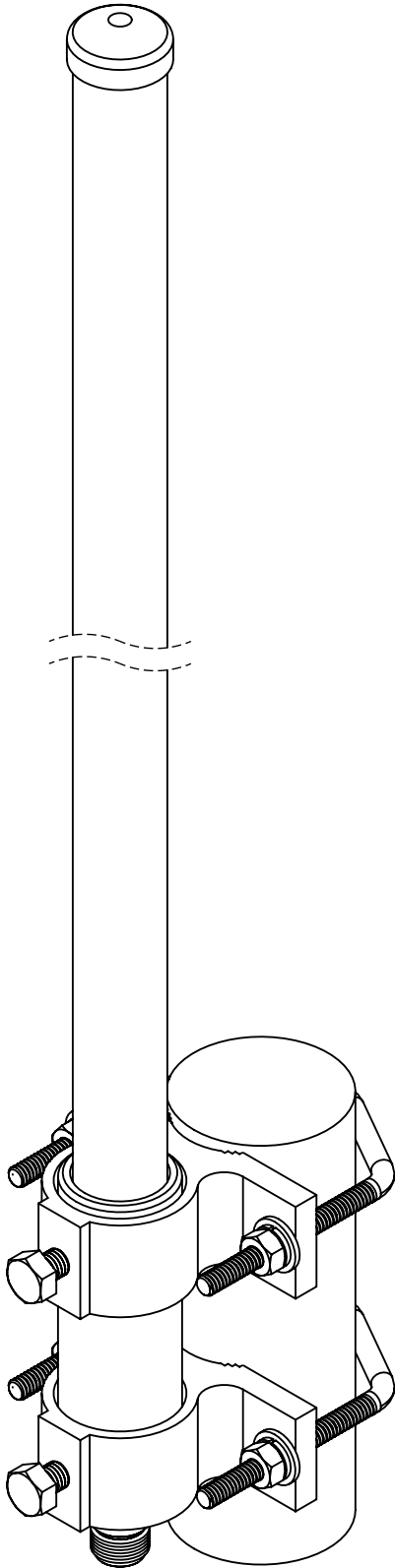
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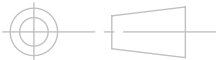


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REVISIONS					
REV.	ECN#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
1			PRELIMINARY RELEASE	S.J. 03MAR17	S.J. 03MAR17
2			UPDATED SPECIFICATION CHART	S.J. 08MAR17	S.J. 08MAR17

Parameter	Performance	
Laird Model Number	OF86315-FNF	
Frequency Bands, MHz	863-876	902-928
Peak Gain (Max), dBi	5.3	5.6
VSWR (Max)	1.65:1	1.65:1
Azimuth 3 dB Beamwidth, °	360	360
Elevation 3 dB Beamwidth, °	28-30	27-29
Azimuth Ripple (Max), dB	0.6	0.8
Impedance, Ω	50	
Polarization	Vertical	
Anti Static Protection	DC Grounded	
Max Power (Ambient 25 °C), Watts	10	
RF Connector	Type N Female	
Weight (With Mounting Kit), kg (lbs)	0.79 (1.7)	
Antenna Color	White	
Radome	Fiberglass	
Wind Operational, km/h (mph)	161 (100)	
Wind Survival, km/h (mph)	266 (165)	
Operational Temperature, °C	-40 to +70	
Storage Temperature, °C	-40 to +85	
Ingress Protection	IP-67	
Material Substance Compliance	RoHS	

MATERIAL: N/A		THIRD ANGLE PROJECTION 		 MANCHESTER, NH 03103 USA	
FINISH: N/A		DO NOT SCALE DRAWING		TITLE: OF86315-FNF MOUNTING & OUTLINE	
APPROVALS		DATE			
DRAWN BY	S. JOHNSON	03MAR17			
ELEC. ENG.					
MECH. ENG.					
MFG./OPS.					
		INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009			
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
		DIMENSIONS ARE IN MILLIMETERS			
		ANGLE: 0 PLACE DECIMAL: ±30' 1 PLACE DECIMAL: ±0.5 2 PLACE DECIMAL: ±0.25 SURFACE ROUGHNESS 1.6/√			
				SIZE A3	DWG. NO. OF86315-FNFMO
				SCALE: 1:2	PREVIOUS#
				REV 2	
				SHEET 1 OF 2	

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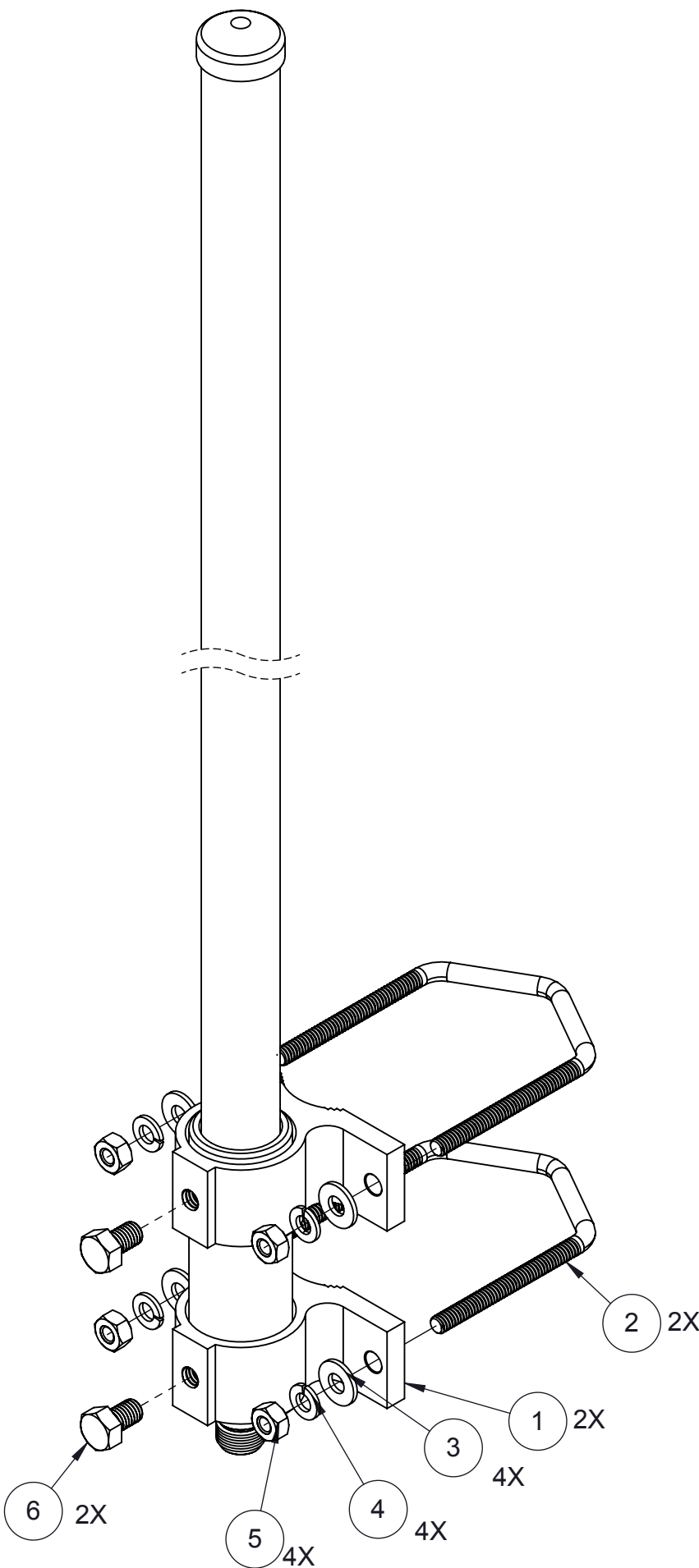
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6	HWR1200	BOL,HEX,5/16-18x1/2,SS,NF	2
5	HWR2000	NUT, HEX, [1/4-20], SS, PA	4
4	HWR5100	WASHER, SPLIT-LOCK, 1/4	4
3	HWR5150	WASH,FLAT,1/4in,SS,PA	4
2	HWR9150	CLAMP,VBOL,1/4-20,ST,NF	2
1	ALE5000	BKT,EXT,AL,FOR FM2	2
ITEM NO.	PART NUMBER	DESCRIPTION	QTY



MANCHESTER, NH 03103
USA

SIZE

A3

DWG. NO.

OF86315-FNFMO

REV

2

SCALE: 1:2

PREVIOUS#

SHEET 2 OF 2

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