

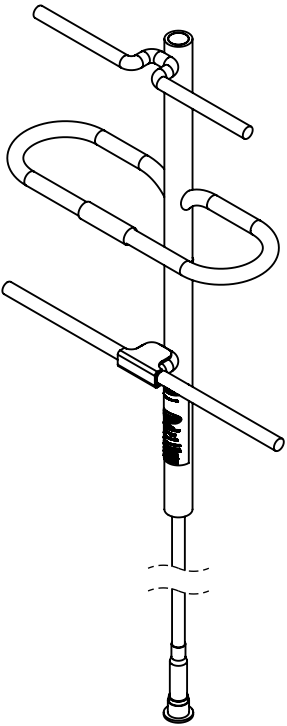
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C

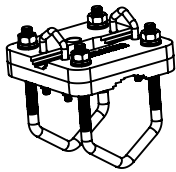
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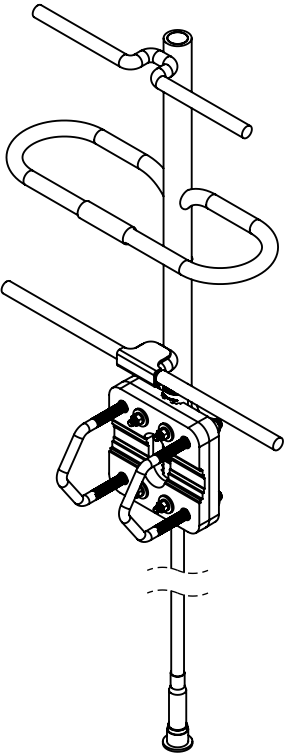
PARAMETER	PERFORMANCE
MODEL NUMBER	YF45018-61NF
FREQUENCY	440-490 MHz
GAIN	8.3 dBi
POLARIZATION	VERTICAL OR HORIZONTAL
RADIATION PATTERN	DIRECTIONAL
VSWR	< 1.5:1 Nominal
	<2:1 Maximum
POWER RATING	250 WATTS
IP RATING	IP67
OPERATING TEMPERATURE	-30° C TO +70° C
STORAGE TEMPERATURE	-40° C TO +85° C
OPERATIONAL WIND RATING	100 mph (160 km/h) (2.6 lbf load)
SURVIVAL WIND RATING	136 mph (220km/h) (4.7 lbf load)
WEIGHT WITHOUT BRACKET	1.50 lbs (0.68 kg)
WEIGHT WITH BRACKET	3.03 lbs (1.37 kg)
FRONT TO BACK RATIO	15dB
TERMINATION	N-FEMALE
CABLE TYPE	RG213
IMPEDANCE	50 ohm TYP.



ANTENNA



MOUNT  
2.5" MAX MAST



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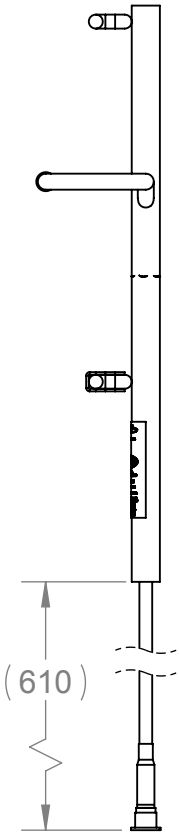
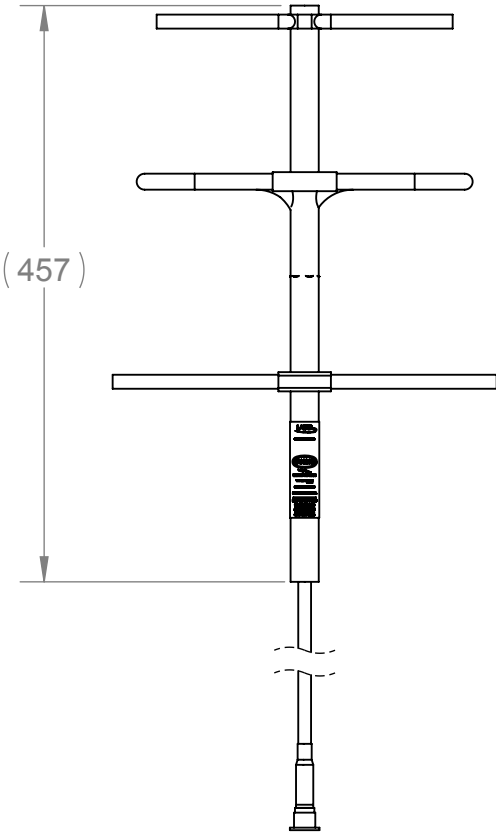
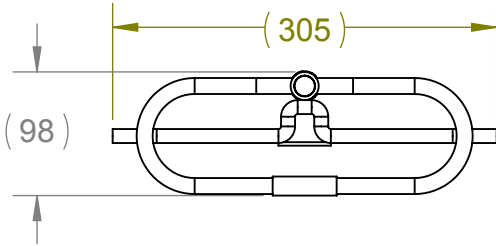
2



2

1

1

REVISIONS					
REV.	ECN#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
AA	ECN-IAS-03974	ALL	INITIAL REVIEW	S.S. 02MAR15	R.H. 02MAR15
F01	ECN-IAS-05178	ALL	UPDATED CHART INFO, CORRECTED PIGTAIL LENGTH	S.J. 11MAR16	R.H. 11MAR16
F02	ECN-IAS-05391	D5	VSWR SPEC WAS <1.5:1, POWER RATING WAS 200 WATTS	S.J. 13MAY16	R.H. 13MAY16
F03	ECO-18-00248	TABLE	CHGD PERFORMANCE FREQ was 450-490,VSWR was 1.7:1 Max	M.L. 13JUN18	A.M. 13JUN18



MATERIAL: N/A		THIRD ANGLE PROJECTION		<div>MANCHESTER, NH 03103 USA</div>	
FINISH: N/A		<div></div> <div>DO NOT SCALE DRAWING</div>			
APPROVALS		DATE		TITLE:  YF45018-61NF  MOUNTING & OUTLINE	
DRAWN BY	S. SAFVI	02MAR15			
ELEC. ENG.	R. HARO	02MAR15			
MECH. ENG.	S. SAFVI	02MAR15			
MFG./OPS.	B. THATCHER	02MAR15			
				SIZE	
				DWG. NO.	
				REV	
				F03	
				SCALE: 1:6	
				PREVIOUS#	
				SHEET 1 OF 1	

D

C

B

A