

## Marine GNSS Active Antenna



### **PRODUCT INFORMATION**

<b>Marine Active GNSS Antenna</b>	
Model Name	AP156P1-SN(A)
Brand Name	APEX

### **PRODUCT SPECIFICATIONS**

<b>Electrical</b>	
Application Bands	GPS L1C/A & BD2 B1 & GLONASS G1C Galileo E1 & QZSS L1C/A
Frequency	1575.42MHz±1.023MHz / 1602MHz
Gain	28 dB typ.
Noise	1.5 dB
Current Consumption	10 mA
Polarization	R.H.C.P. (Right Handed Circular Polarization)
Supply Voltages	2.7 ~ 3.5V DC
Output V.S.W.R.	1.7 max.
Output Impedance (Ω)	50 ohm
Out of Band Rejection	L1: 600 ~ 1500MHz 65dB / 1670 ~ 3000MHz 75dB

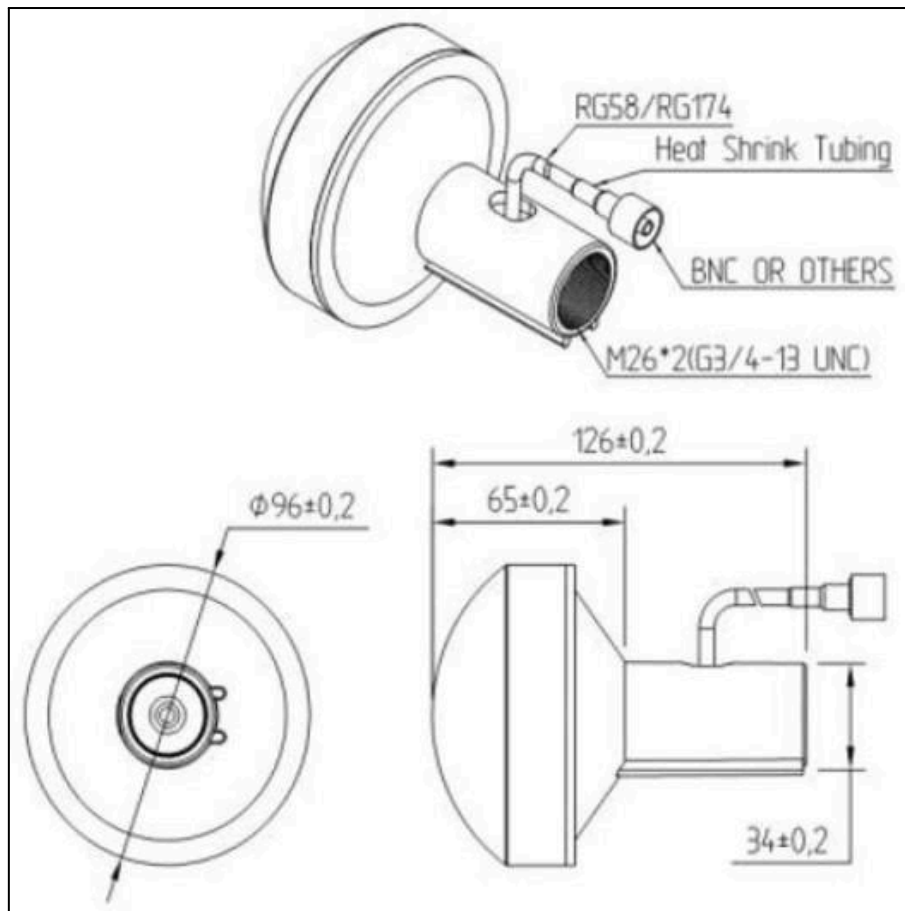
<b>Environmental Conditions</b>	
Enclosure Rating	IP67
Relative Humidity	+40±2 oC, 90~95%R.H
Electronic Discharge	8KV Air-discharge; 6KV Contact-discharge
Salt Spray	ANSI/EIA-364-26C-2014 (R2019)
Mechanical Shock	Method GB2423.05
Vibration	Sine sweep 1g(0-p) 10~50~10HZ each Axis
Operation Temperature	-40°C ~ +80°C
Storage Temperature	-40°C ~ +85°C

<b>Physical and Environmental</b>		
Dimension (DxL)	mm	126 x Ø 96mm
Weight	pcs/g	460g
Connector	-	N female or TNC female
Mounting Pole	-	M26*2 tread mount

**PACKING**

PE BAG		1 piece in a PE bag
Carton		100 pieces in a Carton

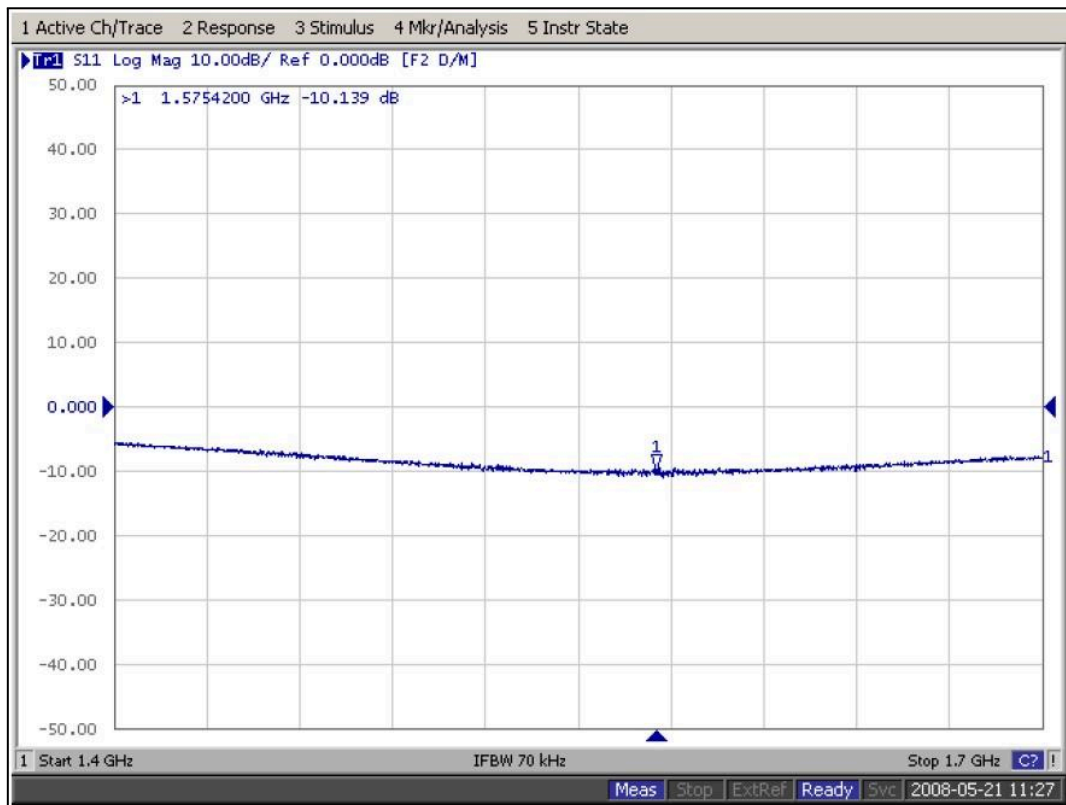
## MECHANICAL OUTLINE



## LNA INSERTION GAIN



## LNA INPUT REFLECTION COEFFICIENT



## LNA OUTPUT REFLECTION COEFFICIENT

