

# 2J9101JBWGF-B12JW-B10BW

GPS/GLONASS Screw/Pole/Adhesive Mount

## Key Features

GPS/GLONASS/QZSS/Galileo

- 1575-1606 MHz

Configurable Mount options

Screw/Pole/Adhesive Mount options

High Performance

Compact Marine antenna

Ground Plane Independent

Customizable Cable and Connector

Dimensions 130 × 110 × 74 mm

Certificates: IP67

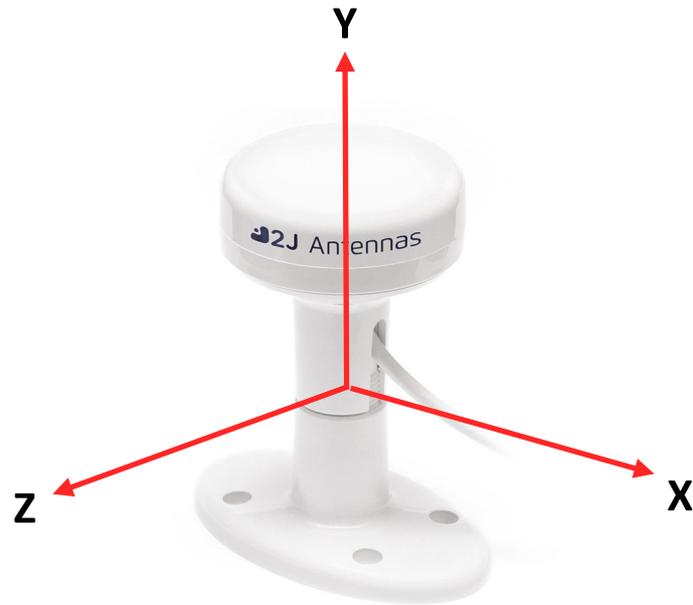


## 1. Antenna and electrical specifications

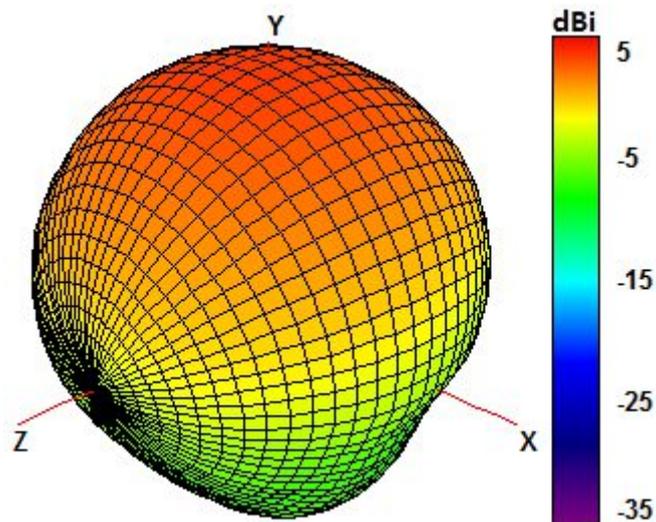
Cable 1	GPS/GLONASS Antenna	
Parameters	GPS / GLONASS	
<b>Standard</b>	GPS / GLONASS	
<b>Band (MHz)</b>	1575	1602
<b>Frequency(MHz)</b>	1575.42	1598-1610
<b>Return Loss (dB)</b>	<-15	
<b>VSWR</b>	<1.4:1	
<b>Impedance</b>	50	
<b>Radiation Pattern</b>	Hemispherical	
<b>Polarization</b>	RHCP	
<b>Saw Filter</b>	Pre-Filter	
<b>Active Gain (dB)</b>	23 @ 3V / 24 @ 5V	
<b>Noise Figure (dB)</b>	1.2	
<b>Voltage (V)</b>	2.7 - 5.5	
<b>Current (mA)</b>	15 - 25	
<b>Power Consumption (mW)</b>	138 Max	
<b>Connector Type</b>	SMA-Male Standard (Other Connectors Available)	
<b>Cable Length</b>	300 cm Standard (Any Cable Length Available)	
<b>Cable Type</b>	LL100W Standard (Other Cables Available)	

## 2. Mechanical and environmental specifications

Specifications	2J9101JBWGF-B12JW-B10BW
<b>Mounting Type</b>	Screw/Pole/Adhesive Mount
<b>Dimensions (mm)</b>	130 × 110 × 74
<b>Radome Type</b>	ASA
<b>Radome Color</b>	White
<b>Antenna Base</b>	ASA
<b>Operating Temperature (C)</b>	-40 to +85
<b>Storage Temperature (C)</b>	-40 to +85
<b>Certificates</b>	IP67
<b>Substance Compliance</b>	RoHS



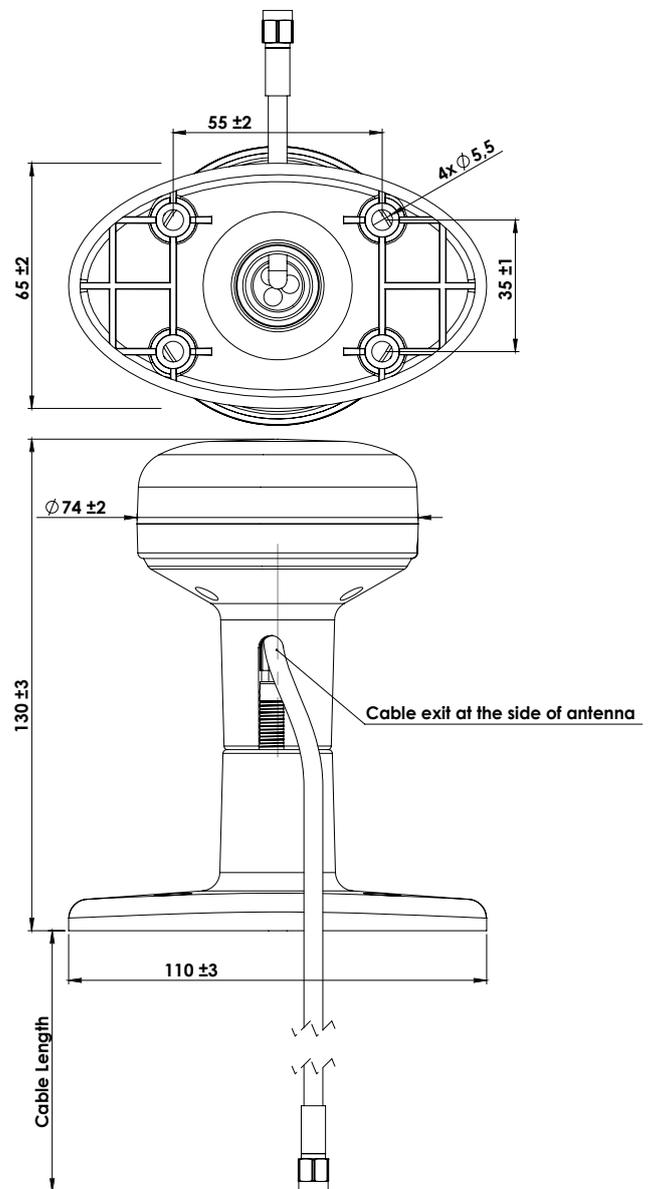
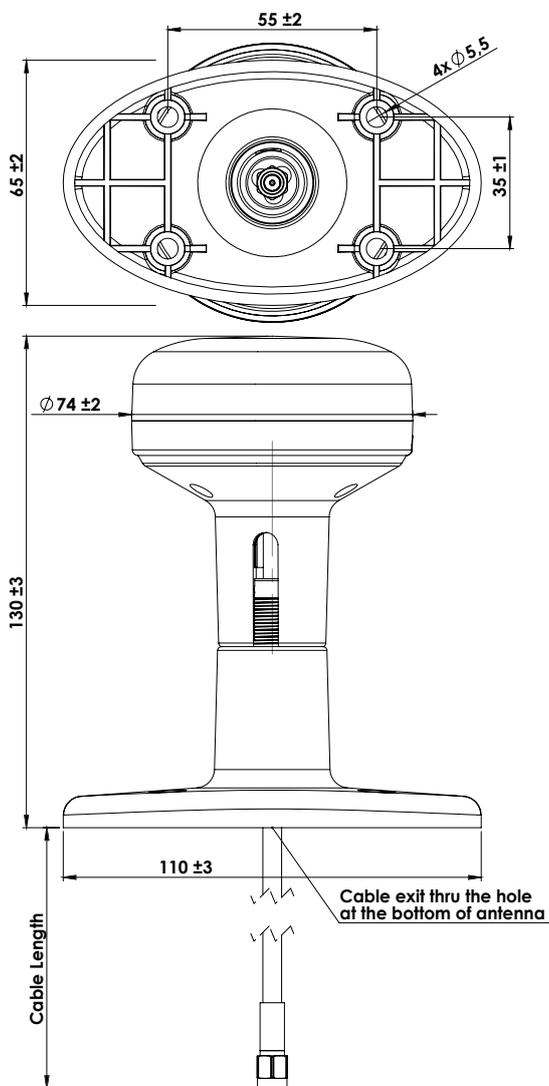
Radiation pattern reference



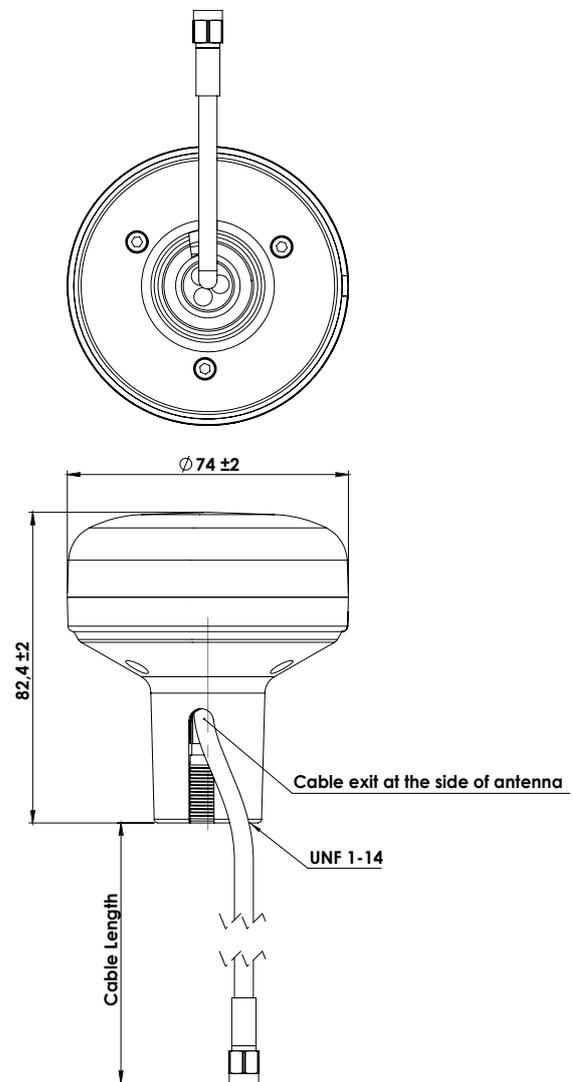
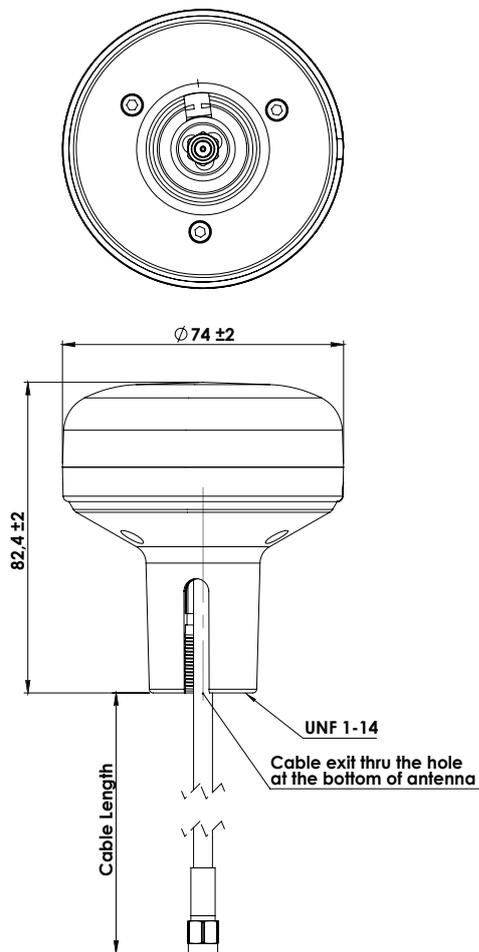
1575 MHz Radiation pattern

## 3. Antenna drawings

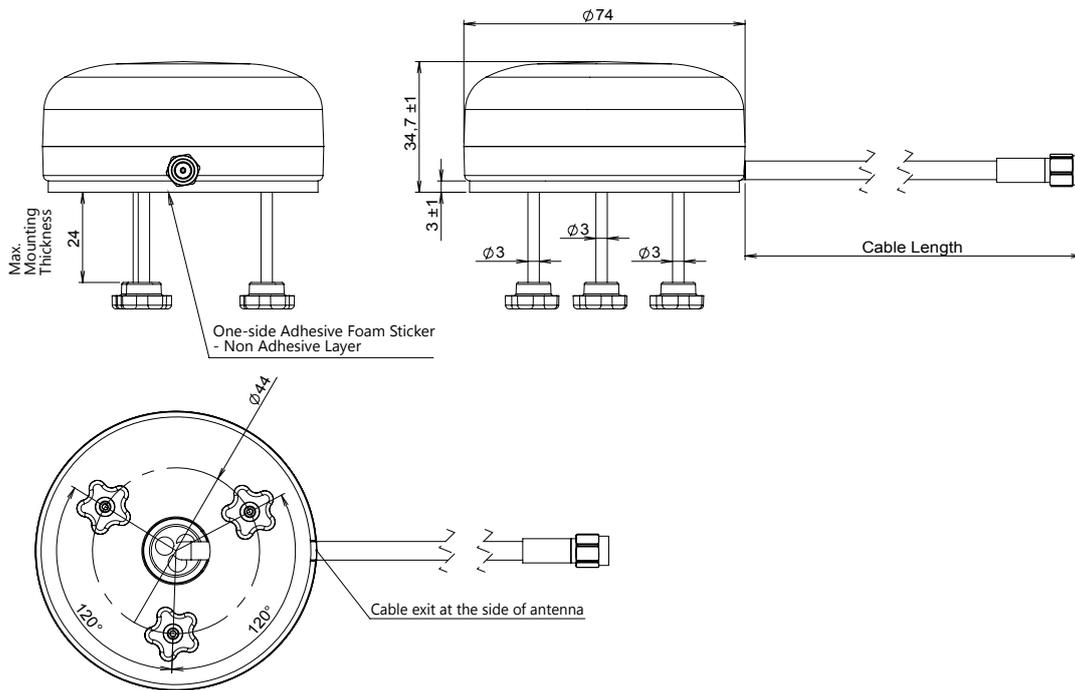
### Screw Mount options using 2JB10BW Bracket



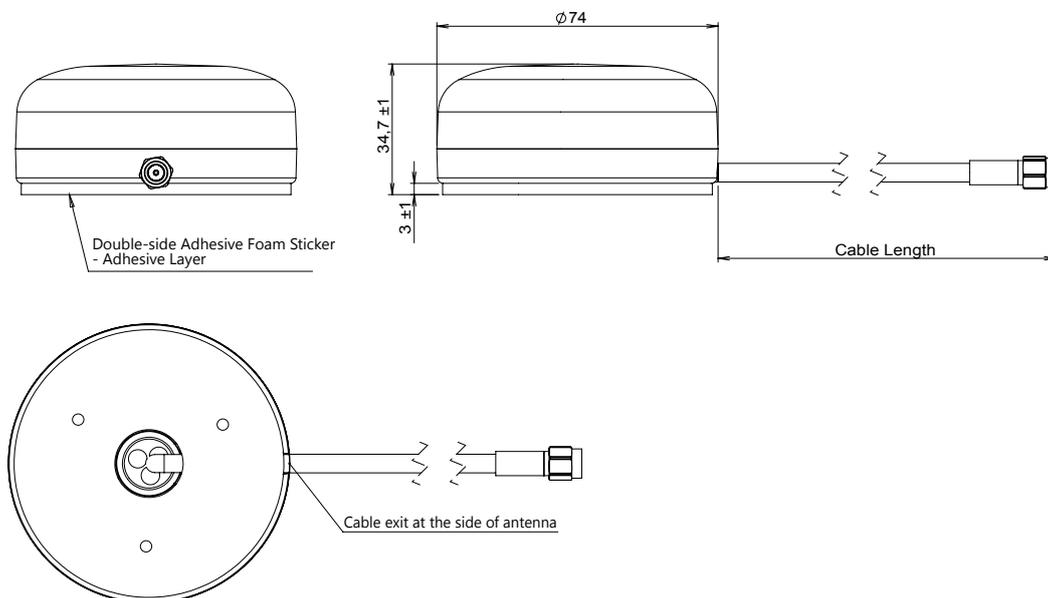
## Pole Mount options using 2JB12JW Bracket



## Screw Mount option



## Adhesive Mount option



## 4. Antenna Images

