



## Key Features

- Support GPS L1/L2, GLONASS L1/L2, BDS B1/B2/B3 and Beacon frequencies.
- Multi-path rejection board inside can eliminate the multi-path influence to measurement error.
- Adopt multi feed design to ensure the superposition of phase center and geometrical center, and minimize the influence to measurement error.
- Water & dust-proof design ensures absolute seal of kernel parts, capable for long time outdoor operation.

## Beacon Antenna HX-CS7615A

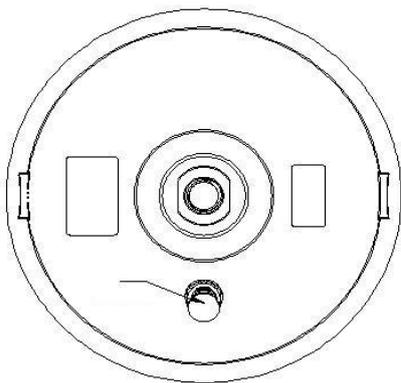
HX- CS7615A receives GPS L1/L2 and GLONASS L1/L2, BDS B1/B2/B3 and Beacon frequencies. This antenna is designed to help maintain tracking of Beacon signals in a challenging environment.

It has high gain and wide beam width to ensure the signal receiving performance of satellite at low elevation angle. The phase center of this antenna remains constant as the azimuth and elevation angle of the satellites change. The assembly consists of weather-resistant materials, which provides consistent performance even at operating temperature extremes. Small and lightweight, featuring 5/8 X11 thread internal mounting for simple installation.

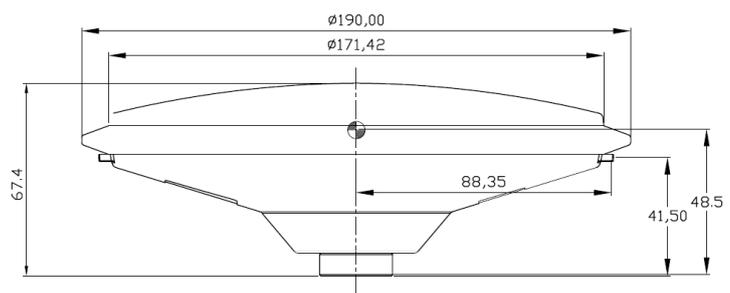
# Technical Specifications

Antenna Specification	
Frequency Range	GPS L1/L2 GLONASS L1/L2 BDS B1/B2/B3
Impedance	50ohm
Polarization	RHCP
Axial Ratio	≤3dB
Azimuth Coverage	360°
Output VSWR	≤2.0
Peak Gain	4dBi
Phase Center Error	±2mm
LNA Specification	
LNA Gain	40±2dB

Noise Figure	≤2.0dB
Output VSWR	≤2.0
Beacon Antenna Specification	
Frequency Range	282.6~326KHz
Gain	36dB±2dB
Mechanical Specification	
Working Voltage	5V DC
Working current	≤70mA
Dimension	φ 190*67.4mm
Connector	TNC Female
Weight	550g
Environment Specification	
Storage /Operating Temp	-40°C~+70°C
Humidity	95% No-condensing



Bottom view



Side view

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