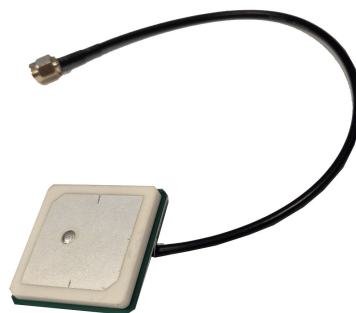


## GWA-IPE-35

Passive Iridium Antenna  
1616 - 1626 MHz

### Applications

- 1-Iridium satellite time and location (STL)
- 2- Iridium voice and data applications
- 3-Upper GNSS band applications
- 4-Marine and avionics systems
- 5-Military & tracking systems



### General description

The GWA-IPE-35 is a high-performance, passive antennas that can be used for upper GNSS and Iridium frequency bands. GWA-IPE-35 enables users to achieve superior location accuracy and maximum data rate for Iridium voice and data applications. With a gain flatness of less than 0.2 dB across the bands and an excellent axial ratio, this antenna is highly resistant to multipath interference from the surrounding environment.

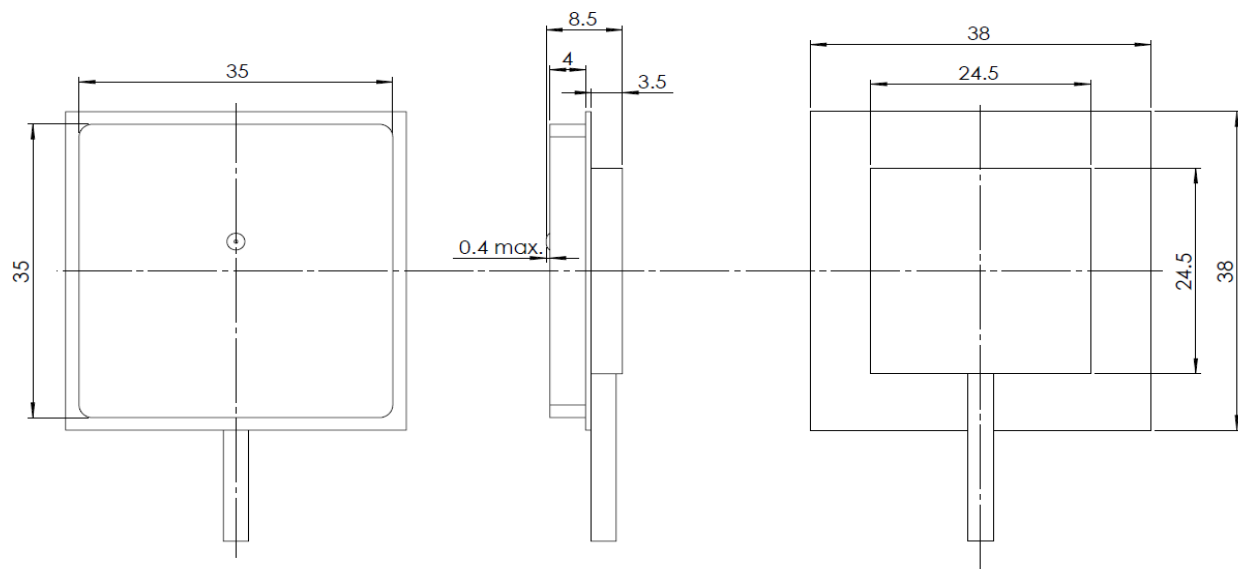
### Electrical Specifications

Frequency Range: 1616-1626 MHz  
Impedance: 50Ω  
VSWR: 1.5  
Polarization: RHCP  
Passive Gain: +4dBi  
Connector: SMA Male  
Axial Ratio :  $\leq 3$ dB

### Mechanical Specifications

Material : Ceramic  
Operating Temperature: -40°C~+70°C  
Storage Temperature: -55°C~+85°C  
Humidity: 95% RH non-condensing  
Weight : 20 g  
Dimensions: 38mm × 38mm × 8.5 mm

## Mechanical Outline



\*All dimensions are in millimeters and for reference only and may be subject to change without notice