

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.

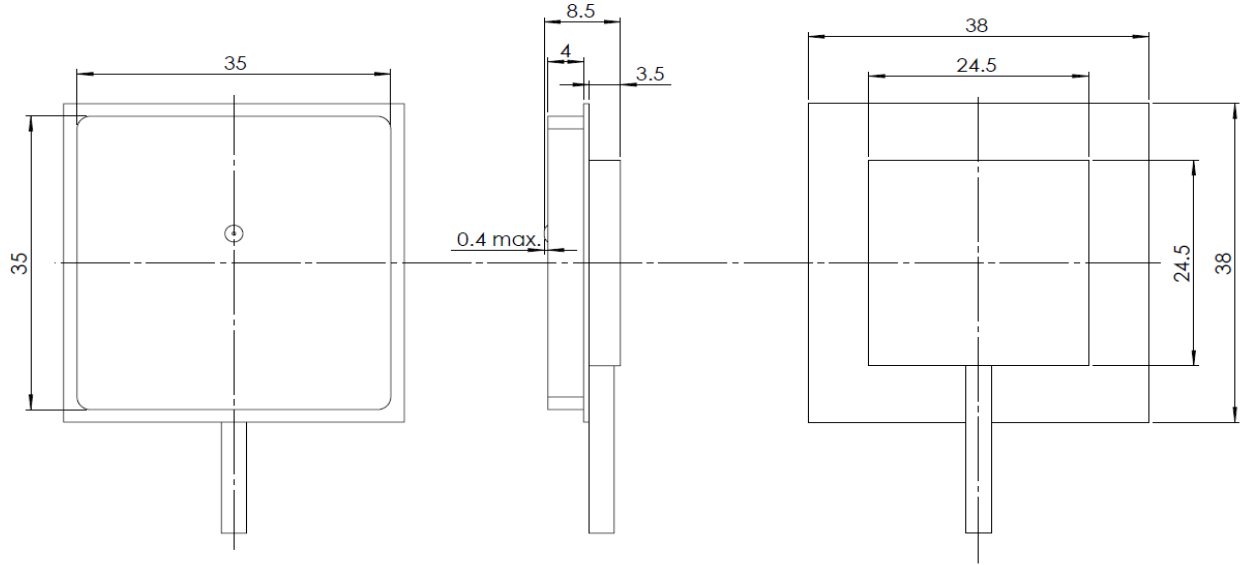
Electrical Specifications

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

Mechanical Specifications

Material : Ceramic
Operating Temperature: $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Storage Temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
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