



Iridium Certified Configurable Mounting Marine Antenna

Description

The Most Weather Resistant High-Performance Antenna for Marine Environments

The Iridium High Performance Customizable Marine Antenna (2J9126JBW-B12JW-B10BW) offers a permanent solution for marine satellite communications. Designed to access the full Iridium Satellite Constellation, this antenna brings true global M2M/IoT voice and data connectivity with superior signal strength, speed and quality.

With a peak gain of ~4.5 dBi and ~76% efficiency, this antenna outperforms any competitor. The hemispherical radiation pattern brings full spectrum of signal quality within the 1621 MHz band.

This antenna is right hand circularly polarized (RHCP) rejecting multi-path interference and optimizing signal strength making it the ideal choice for marine environments.

Installation / Environmental

The antenna housing and base are manufactured with IP67 certified ABS, a waterproof material known for its resistance to impact, chemical, moisture and present high durability properties that allow reliable operations in temperatures ranging between -40C to 85C. Designed with a configurable mount and ground plane independence makes this antenna ideal for permanent marine installation in the most extreme outdoor applications without restrictions.

For this antenna there is a large selection of coaxial cables available upon request and our team of experts is available to assist in customization options by offering a wide range of options.

This antenna has been tested rigorously to assure absolute antenna function in the most extreme marine conditions to achieve 100% customer satisfaction. 2J Antennas supports the health of our environment; all our products are designed and manufactured without hazardous materials while maintaining full REACH and RoHS compliance.

Standards IRIDIUM
Frequency 1616-1627
VSWR ~1.2:1
Efficiency (%) ~76
Passive Gain (dBiC) ~4.5
Impedance (Ohm) 50
Axial Ratio (dB) 3 max
Radiation Pattern Hemispherical
Polarization RHCP

Date Created

June 13, 2022

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