

Iridium® Magnet Mount Passive Antenna



The 9211D is a high performance passive 1616 to 1626.5 MHz, RHCP antenna, specifically designed to operate with the Iridium® Satellite communication system. It features a precisely tuned custom ceramic patch antenna element and a matching network. The 9211D antenna is enclosed in a rugged, fully weatherproof housing that allows the Iridium Satellite SBD modem to be mounted away from the elements, yet fully meeting Iridium's radiated power requirements. Its top cover (radome) is composed of high-grade GE plastic and the zinc base is equipped with both screw holes and magnets for ease of installation. The antenna comes standard with 6.6' (2 meters) of high quality Shikoku coaxial cable and an SMA male connector.



9211D

Features

- Ideal for Iridium® Satellite Short Data Service applications
- Weather proof housing
- Magnet or screw mount
- RoHS compliant

STANDARD CONFIGURATION

Model	Cable	Connector	Mount
9211D	6.6 feet (2 meters) highly flexible 174 sized cable Cable Loss: 1.3 dB/m typical	SMA Male	Magnetic (5 lb lift-off force) or permanent (pre-threaded for 3 x M2.5 screws)

ELECTRICAL SPECIFICATIONS - GNSS ANTENNA

Frequency Range	Gain	Polarization	VSWR	Axial Ratio
1616-1626.5 MHz	4 dBic @ Zenith (maximum)	Right hand circular	< 2.0:1	3 dB @ Zenith (maximum)

MECHANICAL SPECIFICATIONS

Dimensions	Weight	Housing Material
2.1" L x 2.3" W x 0.54" H (52.1 x 58.9 x 13.6 mm)	0.26 lbs (120 g)	ASA

ENVIRONMENTAL SPECIFICATIONS

Temperature Range	Humidity	Ingress Protection
-40°C to +85°C operating	95% max (non condensing)	IP67*