

SAF9703 Antenna

Low Profile Mag Mount Quicksilver Antenna

Applications

- Asset, Vehicle, & Fleet Tracking
- Location Based Services & M2M Applications
- UAV / Drones
- High Quality Voice
- Navigation Devices
- Military, Security, Maritime, & IoT
- Mining Equipment

Description

The SAF9703 is a high performance antenna specifically designed for use with Iridium Certus 100 voice and data services. It provides excellent pattern control, polarization purity, and high efficiency in a very compact and lightweight form factor. The magnetic mount (*“mag mount”*) design and IP66 rating make it versatile for a variety of applications and use cases.

Key Features

- Highly symmetric radiation pattern guarantees no weak reception or blind spots
- A 147° beamwidth ensures excellent hemispherical coverage
- IP66 & ROHS compliant

Specifications

Frequency:	1616 - 1626 MHz
Gain (RHCP):	2.3 dBic at zenith
Beamwidth:	147°
Bandwidth:	10 MHz
Axial Ratio:	<3.8dB at zenith
VSWR:	2.0:1
Impedance:	50 Ohms
Operating Temperature:	-40°C - +85°C
Weight:	134g

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Iridium Radiation Patterns

