



## Dual Band Antenna – GPS Satellite Phone, Side Exit Connection

(Model: A-IGPSA82-24C18C)



### Features

- ❖ Low noise amplifier (LNA) with up to 39dBm of OIP3 for GPS
- ❖ Plated aluminium base
- ❖ Built-in filters for both GPS and Iridium antennas
- ❖ Dual breather valves allow pressure equalisation

### Description

A combination active L1 GPS and passive antenna, designed as a low cost high performance antenna to suit Satellite phone/data modem applications. This antenna operates in the band used by Iridium Satellites.

### Specifications

	GPS Antenna	IRIDIUM Antenna
Operating Frequency	1575 ± 2MHz	1615 – 1627 MHz
RF Gain	18dB typ	5dBic
Circularity	RHC	RHC
Noise Figure	1.5dB typ	N/A
Filtering	>50dB @ ± 100MHz	>30dB @ ± 100MHz
DC Power Supply	2.7 to 5v /28 –50mA	N/A
RF Connector	SMA-F	TNC-F
Return Loss	<-10dB	<-10dB
Max input RF Power	N/A	5W
Op temperature	-40°C to +65°C	
Humidity	100%	
Weight	290g	
Radome Colour	Grey or Black ABS	
Size	132 x 75 x 27mm	

