

## Dual Band GPS / Iridium Antennas

This product is a combination active L1 GPS and passive Iridium antenna. Designed as a low cost High performance antenna to suite Satellite phone / data Modem applications. This antenna operates in the band used by Iridium Satellites.

### Specifications

Part Number  
A-IGPSA82-24C18C  
A-IGPSA83-24C18C-MAG



#### GPS Antenna

Frequency Range 1575 +/- 5 MHz  
RF Gain 18 dB Typical  
Noise Figure 1.5dB Typical  
Polarization RHC (Right Hand Circular)  
Return Loss <-10dB  
Filtering >50dB @ +/- 100 MHz  
DC Supply 2.7 to 5 Volts @ 28-50mA Typical  
Temperature Range -40 to + 65 Degrees C  
Humidity 100%  
RF Connections 24 C TNC F / 18C SMA F

#### GSM-CDMA Antenna

1615-1627 MHz  
5dBic  
N/A  
RHC (Right Hand Circular)  
<-10dB  
>30dB @ +/- 100 MHz  
N/A  
-40 to + 65 Degrees C  
100%  
24 C TNC F / 18C SMA F

Size 135(w) x 75(d) x 26(H) mm + Connectors for standard version  
135(w) x 75(d) x 37(H) mm + Connectors for Magnetic Mount  
Weight 290 grams standard, 350 grams Magnetic mount version

