

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

