

# Vehicle Locating & Marine Small GPS Antenna

## MODEL: GA-62B

Small size and ruggedness, demand of vehicle locating and marine navigation GPS antenna that will sustain harsh environment.



- Low noise figure
- Fully weather proof.
- Ultra-high Sensitivity
- Compact construction
- Excellent temperature stability

The antenna system **GA-62B** is the integration of the high performance GPS patch antenna and a low noise amplifier into state-of-the-art low a very low profile/extremely compact/fully waterproof antenna signal enclosure. When connected to a GPS receiver with +3~5V DC antenna power it provide excellent signal amplification and out-band-rejection for that receiver.

### Features:

GPS antenna with double threaded bolts and through holes for cable routing with course & fine treaded pitch locking for wing-nut fastener and lock-nut to prevent vibrations and un-authorized removal.

### Specifications:

| PHYSICAL CONDITION      |   |
|-------------------------|---|
| Constructions:          | Polycarbonate radome, detachable cable/connector for easy mount, rubber-O-ring between top radome and screw base for waterproof |
| Dimensions:             | 60mm(Dia.) x 18.5mm(H)  |
| Weight:                 | 65grams (w/o cable & connector).  |
| Color:                  | Standard in ivory white & Black, other colours available upon request.  |
| Mounting:               | Bulkhead mount with 0.8 inch threaded wing nut (standard accessory).  |
| Cable & Connector       |   |
| RF cable:               | 1.5 meter RG58 -BNC(M) other length (optional)  |
| Pulling strength:       | 6 Kg @ 5sec. molded plastic on connector end for strain relief.   |
| Connector               | SMA(M) / TNC(M) / N(M) -----  |
| Antenna Element         |   |
| Center Frequency:       | 1575.42 MHz +/-1.023 MHz  |
| Polarization:           | R.H.C.P. (Right Handed Circular Polarization).  |
| Absolute Gain @ Zenith: | +5 dBi typical.   |
| Gain @ 10° Elevation:   | -1 dBi typical.   |
| Axial Ratio:            | 3 dB max.   |
| Output VSWR:            | 1.5 max   |

