



## **SPECIFICATION:**

### **Physical Construction:**

#### **Construction:**

Polycarbonate radome enclosure (top & bottom base with rubber O-ring in-between) Center feeds TNC connector for antenna output.

**Dimensions:** 4.5" in diameter & 2.9" in height

**Weight:** 220 grams (without cable)

**Standard Mounting:** External flagpole type mast mount 1"-14 threaded mast.

**Optional mounting:** 1. Cabin roof-mount with stainless steel base & shaft.

2. Rail side mount with stainless rod.

### **Cable & Connector:**

- **RF:** 10 meter RG58 A/U for standard SA-200, with 15~50 meters available for options. Cable connectors are hermetically molded plastics for waterproof and stain relief.
- **Cable pulling strength:** 12Kg for 5sec.
- **Connector available:** BNC (standard), other types (optional)

### **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:** 1.5:1 max.
- **Output Impedance:** 50  $\Omega$

### **Low Noise Amplifier:**

- **Center Frequency:** 1575.42 Mhz
- **Power Gain:** 30dB typical
- **Bandwidth:** 2 MHz min.
- **Noise Figure:** 1.5 max.