

# **DIAMOND ANTENNA**

## **G200 2400 MHz Base Antenna**

### **INSTRUCTION SHEET**

The G200 is an 11 dB gain 2.4 GHz mono-band, 19 phased 1/2 wavelength Base antenna. The G200 is optimized to operate from 2375-2750 MHz, has fiberglass radome and Type-N connector for excellent performance and ruggedness.

### **Specifications**

<b>FREQUENCY:</b>	2375-2750 MHz
<b>GAIN:</b>	11 dB
<b>POWER:</b>	10 Watts
<b>IMPEDANCE:</b>	50 Ohms
<b>VSWR:</b>	1.5:1 (Nominal)
<b>ELEMENT PHASING:</b>	19 Phased 1/2 Wavelength
<b>LENGTH:</b>	59" (1.5m)
<b>WEIGHT:</b>	0.65 lbs. (290g)
<b>MOUNT:</b>	Type-N Male
<b>MOUNTING HARDWARE:</b>	Included
<b>WARRANTY:</b>	1 Year against defects in material or workmanship.

### **INSTALLATION INSTRUCTIONS**

1. *Remove antenna from package and inspect contents to insure it is complete.*
2. *Fasten radials to base coil assembly. Secure lock nuts.*
3. *Attach mast brackets to Antenna support pipe. Pass coaxial cable throu Antenna support pipe. Connect coaxial cable to connector.*
4. *Weatherproof around connector to prevent potential moisture entry.*
5. *Align hole on antenna support pipe with threaded hole at bottom of antenna. Fasten screw with lock washer and tighten. Recommend using removable Loctite Threadlocker #242 or similar product to insure proper fastening of screws and bolts.*
6. *Attach antenna to antenna mast using brackets and hardware kit.*
7. *With quality VSWR meter, check VSWR. The G200 is pretuned and requires no adjustment.*