

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

FREQUENCY:	2375-2750 MHz
GAIN:	11 dB
POWER:	10 Watts
IMPEDANCE:	50 Ohms
VSWR:	1.5:1 (Nominal)
ELEMENT PHASING:	19 Phased 1/2 Wavelength
LENGTH:	59" (1.5m)
WEIGHT:	0.65 lbs. (290g)
MOUNT:	Type-N Male
MOUNTING HARDWARE:	Included
WARRANTY:	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 threw 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.*

