

# **DIAMOND ANTENNA**

## **MG200**

### **2400 MHz Mobile Antenna**

#### **Instruction Sheet**

The MG200 is a 2.4 GHz mono-band, 3 phased 1/2 wavelength mobile antenna. The MG200 is optimized to operate from 2350-2450 MHz, has built-in spring and Type-N connector for excellent performance and ruggedness.

#### **Specifications**

|                  |  |
|------------------|--|
| FREQUENCY:       | 2350-2450 MHz                                      |
| GAIN:            | 7 dB   |
| POWER:           | 10 Watts   |
| IMPEDANCE:       | 50 Ohms (Nominal)                                  |
| VSWR:            | 1.5:1 (Nominal)                                    |
| ELEMENT PHASING: | 3 phased 1/2 Wavelength                            |
| LENGTH:          | 23 1/2" (06.m)                                     |
| WEIGHT:          | 0.65 lbs. (290 g)                                  |
| MOUNT:           | Type-N Male  |
| 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) Choose desired mounting location to insure maximum strength of mount, and best performance of antenna.
- (3) Install antenna on vehicle. With quality VSWR meter, check VSWR. The MG200 is pretuned and requires no adjustment.