



Stainless Steel External Hardware

MOD6-2400MOD2

MOD3-2400MOD2

## High Vibration Corrosion Resistant Omni-Directional Antennas WiFi 2.4 GHz

- Powder coat finish and stainless steel mounting hardware for enhanced corrosion resistance
- Conformal foam dampening for high vibration environments
- Uniform omni-directional coverage

The MOD-MOD2 series from Mobile Mark is a new model of the popular vibration resistant OD-MOD2 with enhanced corrosion resistance.

For extended durability in corrosive environments the base and mount assembly of the MOD-MOD2 series is powder coated, with other external mounting hardware made from 316L stainless steel. This is coupled with the conformal foam dampening of these antennas protect internal elements from the stress associated with high vibration environments.

The MOD-MOD2 series are rugged and durable, making them ideal for a range of challenging applications where heavy equipment is used in harsh environments (mining, quarry and ore processing).

The MOD-MOD2 series antennas provide omni-directional coverage for WiFi 2.4 GHz applications. Four models are available from 3-12 dBi gain.

### High Vibration Corrosion Resistant

| Model #                | Frequency             | Gain           |
|------------------------|-----------------------|----------------|
| MOD3-2400MOD2-WHT      | 2400-2485             | 3 dBi          |
| MOD6-2400MOD2-WHT      | 2400-2485             | 6 dBi          |
| MOD9-2400MOD2-WHT      | 2400-2485             | 9 dBi          |
| MOD5-2400/5500MOD2-WHT | 2400-2485 & 5150-5925 | 5 dBi          |
| <b>LTE</b>             |                       |                |
| MOD3-700/2700MOD2-WHT  | 694-960 & 1700-2700   | 2 dBi<br>3 dBi |

Color options available for the MOD-MOD2 series:  
WHT-White

Mounting Hardware  
External Mount Included  
316L Stainless Steel

### Specifications

|                             |                         |
|-----------------------------|-------------------------|
| Frequency & Gain:           | See above               |
| VSWR:                       | 2:1 max over band       |
| Nominal Impedance:          | 50 ohms                 |
| Max. Power (continuous):    | 100 watts               |
| Vertical Beamwidth (-3 dB): |                         |
| 3 dBi Models                | 55 degrees              |
| 6 dBi Models                | 25 degrees              |
| 9 dBi Models                | 14 degrees              |
| 12 dBi Models               | 7 degrees               |
| 2400/5500 Model             | 22° 2.4 GHz, 30° 5 GHz  |
| Rated Wind Velocity:        | 120+mph (200+kph)       |
| Operating Temp:             | -40° C to +85° C        |
| Lightning Protection:       | External suggested      |
| Connector: connector        | N female                |
| Mounting Kit:               | Mast mount kit included |

|                      |   |
|----------------------|---|
| Mounting Dimensions: | Mast up to 2.5" D (64mm)                        |
| Antenna Diameter:    | 1" (25 mm)                                      |
| Length/Weight:       |   |
| 2400/5500 Model      | 13", 2.5 lbs (33 cm, 1.1 kg)                    |
| 3 dBi Models         | 14", 1.5 lbs (36 cm, 0.7 kg)                    |
| 6 dBi Models         | 17", 1.5 lbs (43 cm, 0.7 kg)                    |
| 9 dBi Models         | 29", 2.0 lbs (74 cm, 0.9 kg)                    |
| 12 dBi Model         | 41", 2.5 lbs (104 cm, 1.1 kg)                   |
| Material:            |   |
| MOD-MOD2 Series      | White Fiberglass radome<br>Powder Coat aluminum |
| Shock & Vibration:   | EN 300 019-2-4, IEC 60068                       |
| Water Ingress:       | IPx5  |