



## Omni-directional, High Vibration & Marine, 2.4 GHz

- Uniform omni-directional coverage
- Marine versions provide powder coat finish with stainless steel hardware
- High vibration models have conformal foam dampening for heavy mining & construction

These antennas are extreme environment versions of our popular OD Series Antennas.

The MOD Series are special Marine/Sea Water resistant antennas with external metal fittings specially protected for the typical sea or harbor environment. The mount assembly and the base of the antenna are powder coated, with other mounting hardware being stainless steel.

For very high vibration environments (mining, quarry and oil field construction) the OD-MOD2 series provides a viable solution for a wide area network.

The feed assembly is made of machined aluminum components and is irradiated for weather protection.

Both series are colinear arrays and provide uniform omni-directional coverage. Unique phasing cancels out-of-phase current distribution, improving performance.

Model #	Frequency	Gain
<b>High Vibration Products</b>		
OD3-2400MOD2-BLK	2400-2485	3 dBi
OD6-2400MOD2-BLK	2400-2485	6 dBi
OD9-2400MOD2-BLK	2400-2485	9 dBi
OD5-2400/5500MOD2-BLK	2400-2485 & 5150-5925	5 dBi
<b>Marine</b>		
MOD3-2400-WHT	2400-2485	3 dBi
MOD6-2400-WHT	2400-2485	6 dBi
MOD9-2400-WHT	2400-2485	9 dBi
MOD12-2400-WHT	2400-2485	12 dBi
<u>Color options available for the OD-MOD2 series</u> WHT-White or BLK-Black		
OD-WMK	Wall Mount Bracket	

### Specifications

Frequency & Gain:	See above	Mounting Dimensions:	Mast up to 2.5" D (64mm)
VSWR:	2:1 max over band	Antenna Diameter:	1" (25 mm)
Nominal Impedance:	50 ohms	Length/Weight:	
Max. Power (continuous):	100 watts	2400/5500 Model	13", 2.5 lbs (33 cm, 1.1 kg)
Vertical Beamwidth (-3 dB point):		3 dBi Models	14", 1.5 lbs (36 cm, 0.7 kg)
3 dBi Models	55 degrees	6 dBi Models	17", 1.5 lbs (43 cm, 0.7 kg)
6 dBi Models	25 degrees	9 dBi Models	29", 2.0 lbs (74 cm, 0.9 kg)
9 dBi Models	14 degrees	12 dBi Model	41", 2.5 lbs (104 cm, 1.1 kg)
12 dBi Model	7 degrees	Material:	
2400/5500 Model	22° at 2.4 GHz, 30° at 5 GHz	MOD Marine Series	White Fiberglass radome with Powder Coat aluminum
Rated Wind Velocity:	120+mph (200+kph)	OD-MOD2 Series	Black or white fiberglass with irradiated aluminum
Operating Temp:	-40° to +85° C		
Lightning Protection:	External suggested	Shock & Vibration:	EN 300 019-2-4, IEC 60068
Connector:	N female connector	Water Ingress:	IPx5
Mounting Kit:	Mast mount kit included Wall Mount Bracket Optional (OD-WMK)		