



OD9-2400MOD2
High Vibration



OD-WMK
Wall Mount Bracket
Option



MOD6-2400
Marine Antenna

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 irridited for weather protection.

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

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
- Pole mount hardware included, vertical surface/wall mount bracket optional

Model #	Frequency	Gain
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
MOD series is only available in White		
High Vibration Products		
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
<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
VSWR:	2:1 max over band
Nominal Impedance:	50 ohms
Max. Power (continuous):	100 watts
Vertical Beamwidth (-3 dB point):	
3 dBi Models	55 degrees
6 dBi Models	25 degrees
9 dBi Models	14 degrees
12 dBi Model	7 degrees
2400/5500	22/30 degrees
Rated Wind Velocity:	120+mph (200+kph)
Lightning Protection:	External suggested
Connector:	N female connector
Mounting Kit:	Mast mount kit included Wall Mount Bracket Optional (OD-WMK)
Mounting Dimensions:	Mast up to 2.5" D (50mm)

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 (104cm, 1.1 kg)
Material:	
MOD Marine Series	White Fiberglass radome with Powder Coat aluminum
OD-MOD2 Series	Black or white fiberglass with irridited aluminum
Shock & Vibration:	EN 300 019-2-4, IEC 60068
Water Ingress:	IPx5