



OD9-2400MOD2
 High Vibration

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

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.

Omni-directional, High Vibration & Marine, 2.4 GHz

- Uniform omni-directional coverage
- High vibration models have conformal foam dampening for heavy mining & construction

Model #	Frequency	Gain
High Vibration Products		
OD3-2400MOD2-BLK	2400-2485	3 dBi
OD6-2400MOD2-BLK	2400-2485	6 dBi
OD5-2400/5500MOD2-BLK	2400-2485 & 5150-5925	5 dBi

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		
2400/5500 Model	22° at 2.4 GHz, 30° at 5 GHz	Material:	Black or white fiberglass with irradiated aluminum
Rated Wind Velocity:	120+mph (200+kph)	Shock & Vibration: Water	EN 300 019-2-4, IEC 60068
Operating Temp:	-40° to +85° C	IP Rating:	IPx5
Lightning Protection:	External suggested		
Connector:	N female connector		
Mounting Kit:	Mast mount kit included Wall Mount Bracket Optional		