

OD5-2000MOD2

High-Vibration Omni-Directional Antenna

PRODUCT OVERVIEW

The OD5-2000MOD2 is an Omni-Directional Cellular LTE/AWS Antenna. The frequency range for this antenna is 1710-2170 MHz, with 5 dBi gain that provides uniform Omni-Directional coverage. The black fiberglass radome provides extra durability and high vibration resistance and can withstand the harshest environments of snow, wind, rain, and ice. The OD Series are free space antennas; no groundplane is required. This antenna easily mounts up to a 2.5" (63.5 mm) OD pipe with the provided mounting kit and hardware. It passes various tests for shock and vibration (including military standards).

It is ideal for pole mounted fixed site applications, mining applications, and various Cellular AWS machine-to-machine applications.

To Purchase, visit TheAntennaStore.com.

	Electrical Specifications
Frequency & Gain	1710 - 2170 MHz, 5 dBi
VSWR	< 2.5:1
Impedance	50 Ohm Nominal
Power Rating	25 Watts
Vertical Beamwidth (-3 dB)	20° Elevation/360° Azimuth

	Mechanical Specifications
Radome Material & Color	Black Fiberglass Radome
Radome Dimension	26.75" (679 mm) Height x 1.00" (25 mm) Diameter
Weight	2.5 lbs (1.13 kg) with Mount
Standard Connector	N Jack (Female)
Mounting (Kit Included)	Mounts up to 2.50" (63.5 mm) Outside Diameter Pipe
Operating Temperature	-40° to +80° C
Shock & Vibration	IEEE1478, EN 61373, MIL-810G, TIA 329.2-C
Lightening Protection	DC Shorted External Recommended
Dust & Water Ingress	IP67
Wind Survivability	125 mph (201.2 kph) minimum 125 mph with 1/2" (12.7 mm) Radial Ice



OD5 - 2000MOD2
 Omni Directional Reference
 Approx Gain
 Reference to Frequency
 Modified for High Vibration Applications

HIGHLIGHTS:

- Cellular LTE/AWS: 1710-2170 MHz
- Rugged Design for Harsh Environments
- High-Vibration Design
- Mounting Kit Included
- Manufactured in North America & Europe

RELATED MODELS:

- OD3-600/6000MOD2 (High-Vibration, 5G Coverage)
- OD3-700/2700MOD2 (High-Vibration, Higher Frequency)
- OD-WMK (Optional Wall Mounting Bracket)

COMMON APPLICATIONS:

- Mining
- Cellular AWS
- Machine to Machine
- Fixed Site Installations in Harsh Environments



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