



OD5-2000MOD2

## Omni-Directional Antenna Cellular AWS, 1710-2170 MHz, High-vibration resistant

- 5 dBi antenna provides uniform omni coverage
- Mounting kit includes all hardware needed
- Foam filled for extra protection against high-vibration

The OD Series Antennas are optimized for use in a wide variety of Cellular AWS wireless systems using the 1710-2170 MHz band.

These antennas can be used for Cellular AWS machine to machine applications. Their omni-directional coverage makes installation simpler because they are easier to align with other antennas in the wireless network.

The OD5-2000MOD2 radome is foam filled to improve antenna performance in high vibration environments such as in mining applications.

The OD Series are free space antennas; no ground plane is required. This design maintains an omni pattern in the horizontal plane.

The fiberglass radome (1" diameter/25 mm) makes the antennas durable and rugged. They can withstand the harshest environments of snow, wind, rain and ice.

The OD Series Antennas at 1710-2170 MHz are only available with a black radome.

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

The OD Series Antennas are supplied with all the hardware needed to install them to a mast. The OD antennas normally terminate with a female N connector.

Custom cable assemblies are available to connect the antenna to the radio or modem.

Model #	Interface
OD5-2000MOD2-BLK	N Jack (Female)
Mounting hardware provided	
Note: Available in Black only	

Specifications			
Frequency:	1710-2170 MHz	Termination:	
Gain:	5 dBi	Direct Connection:	N Jack (Female)
Nominal Impedance:	50 ohms	Mounting Kit:	Mast mount kit included
Max. Power (continuous):	25 Watts	Mounting Dimensions:	Mounts to mast up to 2.5" (6.3 cm)
Vertical Beamwidth (elevation):	20 degrees	Operating Temp:	-40° to +80° C
Wind Survivability:	125 mph (201 kph) minimum 125 mph with 1/2" (12.7 mm) radial ice	Material:	Fiberglass radome with aluminum body
Antenna Diameter:	1" (25mm), main mast	Shock & Vibration:	IEEE1478, EN61373, MIL-810G, TIA 329.2-C
Length/Weight:	26.75 inches (67.9 cm), 2.5 lbs (1.13kg)	Water Ingress:	IP67