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MobileMark
antenna solutions

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

OD5-2000MOD2

- 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 groundplane is required. This design maintains an omni pattern in the horizontal plane.

The fiberglass radome (1" diameter/2.5 cm) 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 irridited 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
Gain:	5 dBi
Nominal Impedance:	50 ohms
Max. Power (continuous):	25 Watts
Vertical Beamwidth (elevation):	20 degrees
Wind Survivability:	125 mph (201 kph) minimum 125 mph with 1/2" (1.27 cm) radial ice
Antenna Diameter:	1" (2.5cm), main mast
Length/Weight:	26.75 inches (67.9 cm), 2.5 lbs (1.13kg)
Termination:	
Direct Connection:	N Jack (Female)
Mounting Kit:	Mast mount kit included
Mounting Dimensions:	Mounts to mast up to 2.5" (6.3 cm)
Operating Temp:	-40° to +80° C
Material:	Fiberglass radome with aluminum body
Shock & Vibration:	IEEE1478, EN 61373, MIL-810G, TIA 329.2-C
Water Ingress:	IPx5