



OD6



OD6 shown with PTA option & connector

Omni-Directional Antenna AWS, 1710-2170 MHz

- 6 dBi antenna provides uniform omni coverage
- Mounting kit includes all hardware needed
- Coax pigtail option factory configured for cable length and connectors

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

These antennas can be used for access point or customer premise equipment (CPE) units. Their omni-directional coverage makes installation simpler because they are easier to align with other antennas in the wireless network.

Using the latest PCB technology, these antennas improve high-speed broadband system performance. This design maintains an omni pattern in the horizontal plane.

The OD Series are free space antennas; no ground plane is required.

An option for the OD series is a coax pigtail termination. The antennas can be directly outfitted with coax cable so no additional jumpers are required. A variety of connectors can be used for the final termination.

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 1.7-2.2 GHz 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
OD6-2000-BLK	N Jack (Female)
OD6-2000-BLK-PTA	Pigtail termination with choice of connector
Mounting hardware provided	
Note: Available in Black only	

Specifications			
Frequency:	1710-2170 MHz	Direct Connection:	N Jack (Female)
Gain:	6 dBi	Coax Pigtail:	RG-8, 1 ft (30 cm) typical, other lengths available
VSWR:	<2:1	Length/Weight:	26.75 inches (67.9 cm), 2.5 lbs (1.13kg)
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) outside diameter
Beamwidth:		Operating Temp:	-40° to +80° C
Elevation:	20 degrees	Material:	Fiberglass radome with aluminum body
Azimuth:	360 degrees	Water Ingress:	IPx5
Wind Survivability:	125 mph (193 kph) minimum 125 mph with 1/2" (12.7 mm) radial ice	Shock & Vibration:	EN 300 019-2-4, IEC 60068
Lightning Protection:	DC shorted External suggested		
Antenna Diameter:	1" (25mm), main mast		