



OD3-700/2700

## Omni-Directional Antenna 694-960 MHz & 1700-2700 MHz

- 2-3 dBi antenna provides uniform omni coverage
- Mounting kit includes all hardware needed
- Available for high vibration applications with MOD2 option

The OD Series Antennas are optimized for use in 3G cellular, 4G LTE, and LTE plus systems using the 694-960 MHz and 1700-2700 MHz bands.

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 groundplane is required.

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/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 694-960 MHz and 1700-2700 Mhz are available in black.

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 #	Description	Interface
OD3-700/2700-BLK	Standard	N Jack (Female)
OD3-700/2700MOD2-BLK	Heavy Duty	N Jack (Female)

Specifications			
Frequency & Gain:	694-960 MHz; 2 dBi 1700-2700 MHz; 3 dBi	OD Series Interface:	N Female jack
VSWR:	<2:1	Length/Weight:	17.25 inches (44.4 cm), 2.5 lbs cm, 1.13kg)
Nominal Impedance:	50 Ohm	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:			
694-960 MHz:	60 degrees		
1700-2700 MHz:	50 degrees		
Wind Survivability:	100 mph (160 kph) minimum with 1/2" (12.7 mm) radial ice	Operating Temp:	-40° to +80° C
		Material:	Fiberglass radome with aluminum body
Lightning Protection:	DC shorted External suggested	Water Ingress:	IPx5
Antenna Diameter:	1" (2.5cm), main mast	Shock & Vibration:	EN 300 019-2-4, IEC 60068
		MOD2 Option:	Foam Filled