

## Miniature Stud Mount Omnidirectional Antenna for WiFi Applications

The MMSO2300 miniature omnidirectional antenna covers frequencies from 2300-2500 MHz with a VSWR of less than 1.5:1. This ground-plane dependent antenna is designed to go virtually undetected while providing dependable WiFi data throughput. It utilizes a bulkhead stud mount and hardware for secure permanent installations and includes a 3" RG-188A/U pigtail.

### Features

- Miniature 1.3 inch housing. Provides minimum visibility for areas prone to theft or vandalism.
- Bulkhead stud mount secures the antenna for permanent installations, reducing the probability that the antenna will be stolen.
- Excellent performance with a VSWR of less than 1.5:1 for dependable wireless data coverage in a very low profile design.



### Antenna Electrical Specifications

Model	Frequency Range	Gain
MMSO2300	2300-2500 MHz	Unity

### Mechanical Specifications

Model	Dimensions	Weight (Mass)	Temperature Range
MMSO2300	1.34 " H x 0.75" OD base with 0.63" flats (34.04 x 19.05 x 16.02 mm)	0.4 oz (0.015 kg)	-30° to +80 °C



### Technical Data

<b>Maximum Power:</b> 10 watts
<b>Polarization:</b> Vertical, linear
<b>Nominal Impedance:</b> 50 ohms
<b>VSWR:</b> < 1.5:1
<b>Color:</b> Black
<b>Radome Housing:</b> Delrin, UV resistant
<b>Cable:</b> 3" (76.2 mm) RG-188A/U flying lead Other cable lengths and connector options are available.
<b>Mounting Method:</b> 1/4-28 stud mount, lock washer, jam nut and o-ring seal provided mounts to surfaces up to 0.25" thick

For detailed specifications, visit <http://antenna.pctel.com>.