



The new WIECO9 omni-directional antenna is designed for all new data & broadband systems, including WiFi, 802.11 & 802.16 systems being planned. Using the latest PCB technology, this antenna improves highspeed broadband system performance in an economical package.

The Omni antenna provides uniform horizontal pattern and excellent frequency response. The WIECO9 is a free space antenna; no ground plane is required. Because it is also low profile and durable, it can even be used in a mobile application. Mounting hardware is available for a variety of uses. Standard hardware includes pole/wall mount.

The antenna element is enclosed in an extremely tough white fiberglass radome. Windloading on the antenna is insignificant. The antenna terminates with an integrated N-female. A "PT" pigtail cable option also provides a direct coax into the antenna and can be outfitted with a variety of connectors, such as Reverse polarity TNC or SMA.

## SPECIFICATIONS

<b>Weight</b>	≤ 0.75 lbs (0.34 kg)
<b>Input Return Loss</b>	-14 dB
<b>Antenna Frequency Range</b>	5000-6000 MHz
<b>Gain</b>	9 dBi
<b>Beamwidth</b>	14 degrees El; 360 degrees Az
<b>VSWR</b>	≤ 1.5 : 1
<b>Maximum Input Power</b>	25 W
<b>Impedance</b>	50 Ohms
<b>Antenna Length</b>	15 in (38.1 cm)