

**Technical Specification**

**2400-2500MHz, 6dBd / 8dBi Gain**

**BASE STATION ANTENNA**

**Reliable Performance:** Rated at 100 watts, you can expect years of continuous service.

**Construction:** The radiating elements are collinear stacked and phased copper alloy tubes. They are encased in an ABS radome for total environmental protection.

**Weatherproof:** The ABS radome is ultraviolet inhibited. The mounting sleeve is ABS plastic with an extruded drain system to allow for any condensation dissipation.

**Lightweight:** These antennas are lightweight at less than 2 lbs. but are designed to easily withstand winds of over 125 MPH.

**Simple Installation:** Using the optional BNT mounting kit, installation takes only minutes.

**Termination:** This antenna is available with either an "N" female or "N" male termination. Optional reverse polarity connectors for female "N" are available as special order.



**ELECTRICAL SPECIFICATIONS:**

<b>FREQUENCY:</b>	2400-2500MHz
<b>GAIN:</b>	6dBd / 8dBi
<b>VERTICAL BEAMWIDTH:</b>	35°
<b>BANDWIDTH:</b>	100MHz@ <2:1
<b>POWER RATING:</b>	100 watts
<b>IMPEDANCE:</b>	50 ohms

**MECHANICAL SPECIFICATIONS:**

<b>ANTENNA LENGTH:</b>	16" (41cm)
<b>WEIGHT:</b>	2 lbs (907kg)
<b>RADIATOR:</b>	Copper alloy elements
<b>RADOME:</b>	White UV inhibited ABS
<b>MOUNTING SLEEVE:</b>	White UV inhibited ABS
<b>SLEEVE DIAMETER:</b>	1.35" (3.4cm)
<b>FLAT PLATE AREA:</b>	.07 ft <sup>2</sup>
<b>WIND RATING:</b>	125 MPH (201kph)
<b>WIND LOAD:</b>	4.6 lbs. (2kg)
<b>TERMINATION:</b>	BNF2408S "N" FEMALE BNM2408S "N" MALE

**Vertical Pattern**

