

**Technical Specification**

**5.8GHz OMNI BASE ANTENN**

**5725-5925MHz, 6dBd / 8dBi Gain**

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

**Construction:** The radiating elements are encased in an ABS radome for total environmental protection.

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

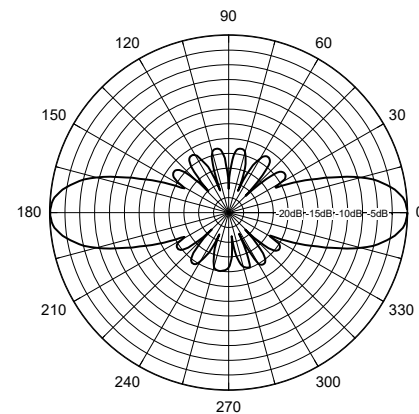
**Lightweight:** These antennas are lightweight at less than 2 lbs. but are designed to easily withstand winds of over 125 MPH.

**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 Jumper kits provide universal interface to most equipment. Optional reverse polarity connectors for "N" female versions are available as special order.



**Vertical Pattern**



**ELECTRICAL SPECIFICATIONS:**

<b>FREQUENCY:</b>	5725-5925MHz
<b>GAIN:</b>	6dBd / 8dBi
<b>VERTICAL BEAMWIDTH:</b>	20°
<b>BANDWIDTH:</b>	200MHz@ <2:1
<b>POWER RATING:</b>	100 watts
<b>IMPEDANCE:</b>	50 ohms

**MECHANICAL SPECIFICATIONS:**

<b>ANTENNA LENGTH:</b>	14" (35.5cm)
<b>WEIGHT:</b>	2 lbs (907kg)
<b>RADIATOR:</b>	Copper substrate
<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>	BNF5808S "N" FEMALE BNM5808S "N" MALE