

**Technical Specification**  
**746-896 MHz Unity Gain**

**BS750UWB**  
**BASE STATION ANTENNA**

**Reliable Performance:** Rated at 250 watts and unity gain from 746-896MHz. This antenna will provide years of continuous service.

**Rugged Construction:** The radiating elements are supported internally and constructed of copper alloy. They are then encased in a fiberglass radome for total environmental protection.

**Weatherproof:** The fiberglass radome is ultraviolet inhibited. The heavy wall aluminum mounting sleeve is epoxy coated for superior weather protection.

**Lightweight:** These antennas are light weight at less than 5 lbs. but are designed to withstand winds in excess of 125 MPH.

**Simple Installation:** Using the optional BSMNT2 mounting kit, installation takes only minutes.



**ELECTRICAL SPECIFICATIONS:**

<b>FREQUENCY:</b>	746-896MHz
<b>GAIN:</b>	Unity
<b>VSWR:</b>	<2.0:1
<b>VERTICAL BEAMWIDTH:</b>	70°
<b>BANDWIDTH:</b>	>150MHz
<b>POWER RATING:</b>	250 watts
<b>IMPEDANCE:</b>	50ohms

**MECHANICAL SPECIFICATIONS:**

<b>ANTENNA LENGTH:</b>	30"Max. (76cm)
<b>RADIATOR:</b>	Internal copper alloy elements
<b>RADOME:</b>	White UV inhibited fiberglass
<b>MOUNTING SLEEVE:</b>	Heavy wall epoxy coated alum.
<b>SLEEVE LENGTH:</b>	5" (2.2kg)
<b>SLEEVE DIAMETER:</b>	1.35" (3.4cm)
<b>WEIGHT:</b>	5 lbs.(2.3kg)
<b>FLAT PLATE AREA:</b>	.165 ft <sup>2</sup>
<b>WIND RATING:</b>	125 MPH(201kph)
<b>LATERAL THRUST:</b>	11.1 lbs. (5kg)

**Vertical Pattern**

