

**380-512 MHz Unity Gain**

**BASE STATION ANTENNA**

**Reliable Performance:** Rated at 250 watts with unity gain, you can expect years of continuous service from this heavy duty antenna.

**Rugged Construction:** The radiating elements are constructed of copper & copper alloy. They are 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 lightweight at less than 8 lbs. but are designed to easily withstand winds of over 125 MPH.

**Simple installation:** Using the optional BSLMNT2 mounting kit, installation takes only minutes.

**ELECTRICAL SPECIFICATIONS:**

**FREQUENCY RANGE:**

BSL380U-A	375-400MHz
BSL450U-A	406-430MHz
BSL450U-B	430-450MHz
BSL450U-BC	445-465MHz
BSL450U-C	450-470MHz
BSL450U-CD	460-480MHz
BSL450U-D	470-490MHz
BSL450U-DE	480-500MHz
BSL450U-E	490-512MHz

<b>GAIN:</b>	Unity
<b>VSWR:</b>	<2.0:1
<b>BANDWIDTH:</b>	>20 MHz
<b>POWER RATING:</b>	250 watts
<b>IMPEDANCE:</b>	50 ohms
<b>VERT BEAMWIDTH:</b>	75 degrees

**MECHANICAL SPECIFICATIONS:**

<b>RADIATOR:</b>	Internal copper alloy elements
<b>RADOME:</b>	1.5" dia. white UV inhibited fiberglass
<b>MOUNTING SLEEVE:</b>	1.95" dia. 10" heavy wall epoxy coated
<b>TERMINATION:</b>	Female N
<b>LENGTH:</b>	36" at lowest frequency
<b>WEIGHT:</b>	8 lbs.
<b>FLAT PLATE AREA:</b>	.248 ft <sup>2</sup>
<b>WIND RATING:</b>	125 MPH
<b>LATERAL THRUST:</b>	16.7 lbs.



**Vertical Pattern**

