

### 200-225MHz Unity Gain

### BASE STATION ANTENNA

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

**Rugged Construction:** The radiating elements are supported internally and constructed of copper alloy. They are welded and/or soldered to prevent any intermodulation. 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. Full moisture drain system.

**Lightweight:** These antennas are lightweight at less than 10 lbs. but are designed to easily withstand winds of 125 MPH.

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

#### ELECTRICAL SPECIFICATIONS:

<b>ANTENNA TYPE:</b>	<b>FREQUENCY:</b>
BSL220U-A	200-210MHz
BSL220U-B	210-220MHz
BSL220U-C	215-225MHz

BSL220U-XXX                      Specify c/f 200-230MHz

<b>BANDWIDTH:</b>	6MHz <2.0:1 VSWR
<b>VERTICAL BEAMWIDTH:</b>	75°
<b>POWER RATING:</b>	250 watts
<b>IMPEDANCE:</b>	50 ohms

#### MECHANICAL SPECIFICATIONS:

<b>RADIATOR:</b>	Internal copper alloy elements
<b>RADOME:</b>	1.5" dia. UV inhibited fiberglass
<b>MOUNTING SLEEVE:</b>	10" heavy wall epoxy coated
<b>SLEEVE DIAMETER:</b>	1.95"
<b>ANTENNA LENGTH:</b>	64" Maximum
<b>WEIGHT:</b>	10 lbs.
<b>FLAT PLATE AREA:</b>	.44 ft <sup>2</sup>
<b>WIND RATING:</b>	125 MPH
<b>LATERAL THRUST:</b>	29.7 lbs.



**Vertical Pattern**

