

## Technical Specification

### 900-930MHz, 5dBd Gain

## BSLL915XL5

### BASE STATION ANTENNA

**Reliable Performance:** Rated at 250 watts and 5dBd gain across the 900-930MHz band, 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 lightweight at less than 6 lbs. but are designed to easily withstand winds of over 125 MPH.

**Simple Installation:** Using the optional BSLMNT2 or BSLLUMNT2-4 mounting kit, installation takes only minutes.

#### ELECTRICAL SPECIFICATIONS:

<b>FREQUENCY:</b>	900-930MHz
<b>GAIN:</b>	5dBd
<b>VERTICAL BEAMWIDTH:</b>	30°
<b>BANDWIDTH:</b>	30MHz@ 1.5:1
<b>POWER RATING:</b>	250 watts
<b>IMPEDANCE:</b>	50 ohms

#### MECHANICAL SPECIFICATIONS:

<b>ANTENNA LENGTH:</b>	50" (1.2m)
<b>RADIATOR:</b>	Internal copper alloy elements
<b>RADOME:</b>	2"(5cm) white UV inhibited fiberglass
<b>MOUNTING SLEEVE:</b>	Heavy wall epoxy coated
<b>SLEEVE DIAMETER:</b>	2.37" (6cm)
<b>WEIGHT:</b>	5.4 lbs. (2.4kg)
<b>FLAT PLATE AREA:</b>	.36 ft <sup>2</sup>
<b>WIND SURVIVAL:</b>	125 MPH (201kph)
<b>LATERAL THRUST:</b>	24.1 lbs. (10.9kg)



Vertical Pattern

