

## Technical Specification

### 1200-1550MHz 4.5dBd

## BSL1350XL5WB

### BASE STATION ANTENNA

**Reliable Performance:** Rated at 250 watts, you can expect 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 5 lbs. but are designed to easily withstand winds of over 100 MPH.

**Simple Installation:** Using the optional BSLMNT2 or BSLUMNT2-4 mounting kit, installation takes only minutes.

#### ELECTRICAL SPECIFICATIONS:

|                            |               |
|----------------------------|---------------|
| <b>FREQUENCY:</b>          | 1200-1550MHz  |
| <b>GAIN:</b>               | 4.5dBd        |
| <b>VERTICAL BEAMWIDTH:</b> | 35°           |
| <b>BANDWIDTH:</b>          | 30MHz@ <1.5:1 |
| <b>POWER RATING:</b>       | 250 watts     |
| <b>IMPEDANCE:</b>          | 50 ohms       |
| <b>VSWR:</b>               | <2.0:1        |

#### MECHANICAL SPECIFICATIONS:

|                         |  |
|-------------------------|--|
| <b>ANTENNA LENGTH:</b>  | 40" (1m)                                     |
| <b>WEIGHT:</b>          | 4 lbs. (1.8kg)                               |
| <b>RADIATOR:</b>        | Internal copper alloy elements               |
| <b>RADOME:</b>          | 1.5" (4cm) White UV fiberglass               |
| <b>MOUNTING SLEEVE:</b> | 5" (12.7cm) Heavy wall epoxy coated aluminum |
| <b>SLEEVE DIAMETER:</b> | 1.95" (4.9cm)                                |
| <b>FLAT PLATE AREA:</b> | .275 ft <sup>2</sup>                         |
| <b>WIND RATING:</b>     | 125 MPH 201kph)                              |
| <b>LATERAL THRUST:</b>  | 12.4 lbs. (5.5kg)                            |



**Vertical Pattern**

