

## Technical Specification

406-512 MHz 4.5dBd Gain

**BSLL450XL4.5**

**BASE STATION ANTENNA**

**Reliable Performance:** Rated at 250 watts and 4.5dB 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 BSLLMNT2 or BSLLUMNT2-4 mounting kit, installation takes only minutes.

### ELECTRICAL SPECIFICATIONS:

#### FREQUENCY RANGE:

BSLL450XL4.5-A	406-430MHz
BSLL450XL4.5-B	430-450MHz
BSLL450XL4.5-C	450-480MHz
BSLL450XL4.5-D	470-490MHz
BSLL450XL4.5-E	490-512MHz

**GAIN:** 4.5dBd

**VSWR:** <2.0:1

**BANDWIDTH:** >20 MHz

**POWER RATING:** 250 watts

**IMPEDANCE:** 50 ohms

**VERT BEAMWIDTH:** 30°

### MECHANICAL SPECIFICATIONS:

**RADIATOR:** Internal copper alloy elements

**RADOME:** 2" (5cm) dia. white UV inhibited fiberglass

**MOUNTING SLEEVE:** 2.375" (6cm) dia. 10" (25.4cm) heavy wall epoxy coated

**TERMINATION:** Female N

**LENGTH:** 67" (1.7m)

**WEIGHT:** 8 lbs.(3.6kg)

**FLAT PLATE AREA:** .41 ft<sup>2</sup>

**WIND RATING:** 125 MPH (201kph)

**LATERAL THRUST:** 27.9 lbs.(12.6kg)



**Vertical Pattern**

