

Technical Specification

806-960MHz, 3dBd Gain

BSL800XL3WB

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and 3dBd gain across the 806-960MHz 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 mounting kit, installation takes only minutes.

ELECTRICAL SPECIFICATIONS:

FREQUENCY:	806-960MHz
GAIN:	3dBd
VERTICAL BEAMWIDTH:	40°
BANDWIDTH:	154MHz@ <2.0:1
POWER RATING:	250 watts
IMPEDANCE:	50 ohms

MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH:	38" (96.5cm)
RADIATOR:	Internal copper alloy elements
RADOME:	1.5" (4cm) white UV inhibited fiberglass
MOUNTING SLEEVE:	Heavy wall epoxy coated
SLEEVE DIMENSIONS:	1.95" (4.9cm) x 5" (12.7cm)
WEIGHT:	5 lbs. (12.7cm)
FLAT PLATE AREA:	.248 ft ²
WIND SURVIVAL:	125 MPH (201kph)
LATERAL THRUST:	16.7 lbs. (7.5kg)



Vertical Pattern

