

Technical Specification

806-896 MHz 3dBd Gain

BSM800XL3WB

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and unity gain across the 806-896MHz 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 brass mounting sleeve is triple plated chrome for unsurpassed weather protection.

Lightweight: These antennas are lightweight at less than 5 lbs. but are designed to withstand winds in excess of 125 MPH.

Simple Installation: Using the optional 1" 14THD mounting nut, this antenna can be installed quickly on an available L bracket.



ELECTRICAL SPECIFICATIONS:

FREQUENCY:	806-896MHz
GAIN:	3dBd
VERTICAL BEAMWIDTH:	70°
BANDWIDTH:	90MHz @ <2.0:1
POWER RATING:	250 watts
IMPEDANCE:	50 ohms

MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH:	38" (96.5cm)
RADIATOR:	Internal copper alloy elements
RADOME:	White UV inhibited fiberglass
MOUNT:	1" 14THD marine type
MOUNTING SLEEVE:	Chrome plated brass, female
WEIGHT:	4 lbs. (1.8kg)
FLAT PLATE AREA:	.27 ft ²
WIND RATING:	125 MPH (201kph)
LATERAL THRUST:	12.3 lbs. (5.5kg)

Vertical Pattern

