

# COMTELCO

## Technical Specification

## BSM800XL3WB

### 806-896 MHz 3dBd Gain

### 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:

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

#### MECHANICAL SPECIFICATIONS:

<b>ANTENNA LENGTH:</b>	38"
<b>RADIATOR:</b>	Internal copper alloy elements
<b>RADOME:</b>	White UV inhibited fiberglass
<b>MOUNT:</b>	1" 14THD marine type
<b>MOUNTING SLEEVE:</b>	Chrome plated brass, female
<b>WEIGHT:</b>	4 lbs.
<b>FLAT PLATE AREA:</b>	.27 ft <sup>2</sup>
<b>WIND RATING:</b>	125 MPH
<b>LATERAL THRUST:</b>	12.3 lbs.

Vertical Pattern

