

**Technical Specification**  
**698-2500MHz 3dBd Gain**

**BSM698FS3**  
**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 mounting sleeve is triple plated chrome brass. It is supplied with a standard powder coated steel L bracket mount. It can also be used in marine applications when it is mated with 1"-14 thread standard marine fittings.

**Lightweight:** These antennas are lightweight at less than 2 lbs. but are designed to easily withstand winds of over 125 MPH.



**ELECTRICAL SPECIFICATIONS:**

<b>FREQUENCY:</b>	698-2500MHz
<b>GAIN:</b>	3dBd
<b>VERTICAL BEAMWIDTH:</b>	30°
<b>POWER RATING:</b>	250 watts
<b>IMPEDANCE:</b>	50 ohms

**MECHANICAL SPECIFICATIONS:**

<b>ANTENNA LENGTH:</b>	8" (20cm)
<b>WEIGHT:</b>	< 2 lbs (907g)
<b>RADIATOR:</b>	Internal copper alloy elements
<b>RADOME:</b>	White UV inhibited fiberglass
<b>TERMINATION:</b>	Female "N"
<b>MOUNTING:</b>	1" 14 Thread female L Bracket supplied
<b>FLAT PLATE AREA:</b>	.063 ft <sup>2</sup>
<b>WIND SURVIVAL:</b>	125 MPH (201kph)
<b>LATERAL THRUST:</b>	4.6 lbs. (2kg)

**Vertical Pattern**

