

### 746-796MHz 6.5dBd, 8.5dBi Gain

### 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 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 BSMNT2 mounting kit, installation takes only minutes.

#### ELECTRICAL SPECIFICATIONS:

**FREQUENCY:** 746-796MHz  
**GAIN:** 6.5dBd

**VERTICAL BEAMWIDTH:** 25°  
**BANDWIDTH:** 50MHz @ <2.0:1  
**POWER RATING:** 250 watts  
**IMPEDANCE:** 50 ohms

#### MECHANICAL SPECIFICATIONS:

**ANTENNA LENGTH:** 64"  
**WEIGHT:** < 8 lbs  
**RADIATOR:** Internal copper alloy elements  
**RADOME:** White UV inhibited fiberglass  
**MOUNTING SLEEVE:** Heavy wall epoxy coated  
**SLEEVE DIMENSIONS:** 1.35" X 10"  
**FLAT PLATE AREA:** .24 ft<sup>2</sup>  
**WIND SURVIVAL:** 125 MPH  
**LATERAL THRUST:** 16.1 lbs.



**Vertical Pattern**

