

**Technical Specification**

**5725-5850MHz, 10dBd / 12dBi Gain**

**BS5800XL12**

**BASE STATION ANTENNA**

**Reliable Performance:** Rated at 250 watts, you can expect years of continuous service.

**Construction:** The radiating elements are collinear stacked and phased copper alloy tubes. They are encased in a coated fiberglass radome for total environmental protection.

**Weatherproof:** The fiberglass radome is ultraviolet inhibited. The heavy wall aluminum mounting sleeve is epoxy coated for weather protection. It features a complete drain system to provide excellent condensation dissipation.

**Lightweight:** These antennas are lightweight at less than 4 lbs. and are designed to easily withstand winds of over 125 MPH.

**Simple Installation:** Using the optional BSMNT2 mounting kit, installation takes only minutes.

**Termination:** This antenna is comes with an "N" female termination. Pigtail models with special connectors are available.



**ELECTRICAL SPECIFICATIONS:**

**FREQUENCY:** 5725-5850MHz  
**GAIN:** 10dBd / 12dBi  
**VERTICAL BEAMWIDTH:** 10°  
**BANDWIDTH:** 100MHz@ <2:1  
**POWER RATING:** 250 watts  
**IMPEDANCE:** 50 ohms

**MECHANICAL SPECIFICATIONS:**

**ANTENNA LENGTH:** 26" (66cm)  
**WEIGHT:** 4 lbs, (1.8kg)  
**RADIATOR:** Copper alloy elements  
**RADOME:** White UV inhibited fiberglass  
**MOUNTING SLEEVE:** Heavy Wall epoxy coated aluminum  
**SLEEVE DIAMETER:** 1.35" (3.4cm)  
**WIND SURVIVAL:** 125 MPH (201kph)  
**TERMINATION:** "N" Female

**Vertical Pattern**

