

# COMTELCO

## Technical Specification

BS5800XL12

5725-5850MHz, 12dBd / 14dBi Gain

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:

<b>FREQUENCY:</b>	5725-5850MHz
<b>GAIN:</b>	12dBd / 14dBi
<b>VERTICAL BEAMWIDTH:</b>	8°
<b>BANDWIDTH:</b>	100MHz@ <2:1
<b>POWER RATING:</b>	250 watts
<b>IMPEDANCE:</b>	50 ohms

### MECHANICAL SPECIFICATIONS:

<b>ANTENNA LENGTH:</b>	30"
<b>WEIGHT:</b>	4 lbs,
<b>RADIATOR:</b>	Copper alloy elements
<b>RADOME:</b>	White UV inhibited fiberglass
<b>MOUNTING SLEEVE:</b>	Heavy Wall epoxy coated aluminum
<b>SLEEVE DIAMETER:</b>	1.35"
<b>WIND SURVIVAL:</b>	125 MPH
<b>TERMINATION:</b>	"N" Female

Vertical Pattern

