

# COMTELCO

## Technical Specification

BSLLDB18U8

825-896 / 1850-1990 Dual Band

BASE STATION ANTENNA

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

**Rugged Construction:** The radiating elements are constructed of copper alloy. They are welded and, or soldered to prevent any intermodulation. 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 5 lbs. but are designed to easily withstand winds of over 125 MPH.

**Simple installation:** Using the optional BSLMNT2 mounting kit, installation takes only minutes.

### ELECTRICAL SPECIFICATIONS

<b>FREQUENCY RANGE:</b>	825-896MHz 1850-1990MHz
<b>GAIN:</b>	Unity
<b>VSWR:</b>	<2:1
<b>POWER RATING:</b>	250 watts
<b>IMPEDANCE:</b>	50 ohms
<b>VERT BEAMWIDTH:</b>	75 degrees

### MECHANICAL SPECIFICATIONS:

<b>RADIATOR:</b>	Copper alloy elements
<b>RADOME:</b>	White UV inhibited fiberglass
<b>MOUNTING SLEEVE:</b>	2.375" dia. heavy wall epoxy coated
<b>TERMINATION:</b>	Female N standard, pigtail optional
<b>LENGTH:</b>	15"
<b>WEIGHT:</b>	5 lbs.
<b>FLAT PLATE AREA:</b>	.124 ft <sup>2</sup>
<b>WIND RATING:</b>	125 MPH
<b>WIND LOAD:</b>	8.35 lbs.



Vertical Pattern

