

# COMTELCO

## Technical Specification

BS1350XL5WB

1200-1550MHz 4.5dBd

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 5 lbs. but are designed to easily withstand winds of over 100 MPH.

**Simple Installation:** Using the optional BSMNT1 mounting kit, installation takes only minutes.

### ELECTRICAL SPECIFICATIONS:

<b>FREQUENCY:</b>	1200-1550MHz
<b>GAIN:</b>	4.5dBd
<b>VERTICAL BEAMWIDTH:</b>	35°
<b>BANDWIDTH:</b>	30MHz@ <1.5:1
<b>POWER RATING:</b>	250 watts
<b>IMPEDANCE:</b>	50 ohms
<b>VSWR:</b>	<2.0:1

### MECHANICAL SPECIFICATIONS:

<b>ANTENNA LENGTH:</b>	40"
<b>WEIGHT:</b>	4 lbs.
<b>RADIATOR:</b>	Internal copper alloy elements
<b>RADOME:</b>	1" white UV fiberglass
<b>MOUNTING SLEEVE:</b>	5" Heavy wall epoxy coated aluminum
<b>SLEEVE DIAMETER:</b>	1.35"
<b>FLAT PLATE AREA:</b>	.275 ft <sup>2</sup>
<b>WIND RATING:</b>	125 MPH
<b>LATERAL THRUST:</b>	18.6 lbs.



Vertical Pattern

