

# COMTELCO

## Technical Specification

## BS350XL4.5WB

### 340-400 MHz 4.5dBd Gain

### BASE STATION ANTENNA

**Reliable Performance:** Rated at 250 watts and 4.5 dBd gain, you can expect years of continuous service.

**Rugged Construction:** The radiating elements are constructed of copper & copper alloy. They are 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 4 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 RANGE:

340-400 MHz

**GAIN:** 4.5dBd  
**VSWR:** <2.0:1  
**POWER RATING:** 250 watts  
**IMPEDANCE:** 50 ohms  
**VERT BEAMWIDTH:** 40 degrees

#### MECHANICAL SPECIFICATIONS:

**RADIATOR:** Internal copper alloy elements  
**RADOME:** 1" dia. white UV inhibited fiberglass  
**MOUNTING SLEEVE:** 1.35" dia. 10" heavy wall epoxy coated  
**TERMINATION:** Female N standard, pigtail optional  
**LENGTH:** 84" approximate length  
**WEIGHT:** 5 lbs.  
**FLAT PLATE AREA:** .44 ft<sup>2</sup>  
**WIND RATING:** 125 MPH  
**LATERAL THRUST:** 29.7 lbs.



Vertical Pattern

