

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:

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

MECHANICAL SPECIFICATIONS:

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



Vertical Pattern

