

COMTELCO

Technical Specification

BSL450XL3WB

450-512 MHz 3dBd Gain

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and 3dBd gain from 450-512MHz. This antenna will provide 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 light weight at less than 8 lbs. but are designed to withstand winds in excess of 125 MPH.

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



ELECTRICAL SPECIFICATIONS:

FREQUENCY: 450-512MHz
GAIN: 3 dBd
VSWR: <2.0:1
VERT. BEAMWIDTH: 50°
BANDWIDTH: >60MHz
POWER RATING: 250 watts
IMPEDANCE: 50 ohms

MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH: 62"
RADIATOR: Internal copper alloy elements
RADOME: 1.5" dia white UV inhibited fiberglass
MOUNTING SLEEVE: Heavy wall epoxy coated alum.
SLEEVE LENGTH: 10"
SLEEVE DIAMETER: 1.95"
WEIGHT: 8 lbs.
FLAT PLATE AREA: .32 ft²
WIND RATING: 125 MPH
LATERAL THRUST: 21.6 lbs.

Vertical Pattern

