

COMTELCO

Technical Specification

BSLL50U

45-75 MHz Unity Gain

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 supported internally and 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. Full moisture drain system.

Lightweight: These antennas are lightweight at less than 15 lbs. but are designed to easily withstand winds of over 125 MPH.

Simple installation: Using the optional BSLLMNT2 mounting kit, installation takes only minutes.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 45-75MHz
GAIN: Unity
VSWR: <1.5:1
BANDWIDTH: 1.5 MHz
POWER RATING: 250 watts
IMPEDANCE: 50 ohms
VERT BEAMWIDTH: 75 degrees

MECHANICAL SPECIFICATIONS:

RADIATOR: Internal copper alloy elements
RADOME: 2" Dia. White UV inhibited fiberglass
MOUNTING SLEEVE: 2.375" dia. heavy wall epoxy coated
TERMINATION: Female N
LENGTH: 12 feet
WEIGHT: 15 lbs.
FLAT PLATE AREA: .99 ft²
WIND RATING: 125 MPH
LATERAL THRUST: 66.8 lbs.



Vertical Pattern

