

COMTELCO

Technical Specification

BSL50U

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 BSLMNT2 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:	1.5" Dia. White UV inhibited fiberglass
MOUNTING SLEEVE:	1.95" dia. heavy wall epoxy coated
TERMINATION:	Female N
LENGTH:	12 feet
WEIGHT:	15 lbs.
FLAT PLATE AREA:	.99 ft ²
WIND RATING:	125 MPH
LATERAL THRUST:	66.8 lbs.



Vertical Pattern

