

COMTELCO

Technical Specification

BSL150XL3

144-174 MHz 3dBd Gain

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and 3 dB gain, you can expect years of continuous service from this heavy duty antenna.

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.

Lightweight: These antennas are lightweight at less than 12 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

Part No.	Frequency
BSL 150XL3-A	144-148MHz
BSL 150XL3-B	150-156MHz
BSL 150XL3-BC	153-159MHz
BSL 150XL3-C	156-162MHz
BSL 150XL3-D	162-168MHz
BSL 150XL3-E	168-174MHz
GAIN:	3 dBd
VSWR:	<2.0:1
BANDWIDTH:	6 MHz
POWER RATING:	250 watts
IMPEDANCE:	50 ohms
VERT BEAMWIDTH:	40°

MECHANICAL SPECIFICATIONS

RADIATOR:	Internal copper alloy elements
RODOME:	1.5" dia. White UV inhibited fiberglass
MOUNTING SLEEVE:	1.95" dia. 10" heavy wall epoxy coated
TERMINATION:	Female N
LENGTH:	98" Maximum
WEIGHT:	12 lbs.
FLAT PLATE AREA:	.66 ft ²
WIND RATING:	125 MPH
LATERAL THRUST:	44.5 lbs.



Vertical Pattern

