

144-174 MHz 3dB Gain

BASE STATION ANTENNA

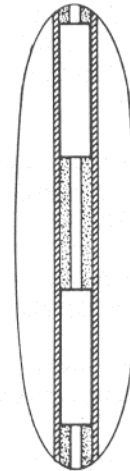
Reliable Performance: Rated at 250 watts and 3dB gain, you can expect years of continuous service.

Rugged Construction: The radiating elements are constructed of copper alloy and are encased in a fiberglass radome for protection from moisture. The elements are internally supported for structural integrity.

Weatherproof: The fiberglass radome is ultraviolet inhibited and the heavy wall aluminum mounting sleeve is epoxy coated for superior weather protection.

Lightweight: These antennas are lightweight at less than 6 lbs. but are designed to easily withstand winds of over 100 MPH.

Simple Installation: Using the optional BSMNT2 mounting kit, installation time can be cut to minutes.



ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE:

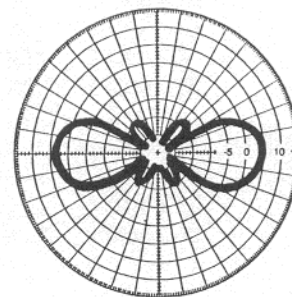
BS150XL3-A	144-148MHz
BS150XL3-B	150-156MHz
BS150XL3-C	156-162MHz
BS150XL3-D	162-168MHz
BS150XL3-E	168-174MHz

GAIN:	3dBd
VERTICAL BEAMWIDTH:	40 degrees
BANDWIDTH:	6 MHz
IMPEDANCE:	50 ohms
POWER RATING:	250 watts
VSWR:	< 1.5:1

MECHANICAL SPECIFICATIONS:

RADIATOR:	White UV inhibited fiberglass radome sealed internal copper elements
TERMINATION:	Type N female connector
MOUNTING SLEEVE:	Heavy wall epoxy coated aluminum
SLEEVE DIAMETER:	1.35"
ANTENNA LENGTH:	96" Maximum
ANTENNA WEIGHT:	6 lbs.
WIND SURVIVAL:	100 mph

Vertical Pattern



VSWR vs. Frequency

