

Technical Specification

144-174 MHz 3dBd Gain

BS150XL3

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and 3 dB 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.

Lightweight: These antennas are lightweight at less than 8 lbs. but are designed to easily withstand winds of over 100 MPH.

Simple installation: Using the optional BSMNT2 mounting kit, installation takes only minutes.

ELECTRICAL SPECIFICATIONS

Part No.	Frequency
BS150XL3-A	144-150MHz
BS150XL3-B	150-156MHz
BS150XL3-BC	153-159MHz
BS150XL3-C	156-162MHz
BS150XL3-D	162-168MHz
BS150XL3-E	168-174MHz

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

MECHANICAL SPECIFICATIONS

RADIATOR:	White UV inhibited fiberglass radome sealed internal copper elements
MOUNTING SLEEVE:	Heavy wall epoxy coated aluminum
TERMINATION:	Type N female connector
SLEEVE DIAMETER:	1.35" (3.5cm)
LENGTH:	98" Maximum (248cm)
WEIGHT:	6 lbs. (2.7kg)
FLAT PLATE AREA:	.44 ft ²
WIND RATING:	125 MPH (55.88mps)
LATERAL THRUST:	29.7 lbs. (13kg)



Vertical Pattern

