

Technical Specification
450-512 MHz 3dBd Gain

BS450XL3WB
BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and 3dBd gain from 450-512MHz. This antenna will provide years of continuous service.

Rugged Construction: The radiating elements are supported internally and constructed of copper alloy. 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 light weight at less than 6 lbs. but are designed to withstand winds in excess of 125 MPH.

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

ELECTRICAL SPECIFICATIONS:

FREQUENCY:	450-512MHz
GAIN:	3 dBd
VSWR:	<2.0:1
VERTICAL BEAMWIDTH:	50°
BANDWIDTH:	>60MHz
POWER RATING:	250 watts
IMPEDANCE:	50 ohms

MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH:	67" (170cm)
RADIATOR:	Internal copper alloy elements
RADOME:	White UV inhibited fiberglass
MOUNTING SLEEVE:	Heavy wall epoxy coated alum.
SLEEVE LENGTH:	10" (25.4cm)
SLEEVE DIAMETER:	1.35" (3.4cm)
WEIGHT:	6 lbs. (2.5kg)
FLAT PLATE AREA:	.275 ft
WIND RATING:	125 MPH (201kph)
LATERAL THRUST:	18.6 lbs. (8.4kg)



Vertical Pattern

