

Technical Specification

406-512 MHz 6dBd Gain

BS450XL6

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and 6dB gain, you can expect years of continuous service.

Rugged Construction: The radiating elements are constructed of copper & copper alloy. They are 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:

FREQUENCY RANGE:

BS450XL6-AB	406-440MHz
BS450XL6-BCD	440-480MHz
BS450XL6-C	450-470MHz
BS450XL3-DE	480-512MHz

GAIN:	6dBd
VSWR:	<2.0:1
BANDWIDTH:	>20 MHz
POWER RATING:	250 watts
IMPEDANCE:	50 ohms
VERT BEAMWIDTH:	20°

MECHANICAL SPECIFICATIONS:

RADIATOR:	Internal copper alloy elements
RADOME:	White UV inhibited fiberglass
MOUNTING SLEEVE:	1.35" (3.4cm) dia. heavy wall epoxy coated
TERMINATION:	Female N standard, pigtail optional
LENGTH:	98" (249cm)
WEIGHT:	8 lbs. (4kg)
FLAT PLATE AREA:	.44 ft ²
WIND RATING:	125 MPH (201 kph)
LATERAL THRUST:	29.7 lbs (13.4kg)



Vertical Pattern

