

406-512 MHz 6dBd Gain

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:

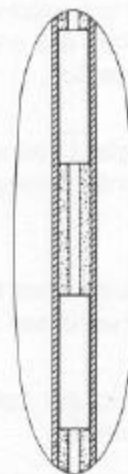
FREQUENCY RANGE:

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

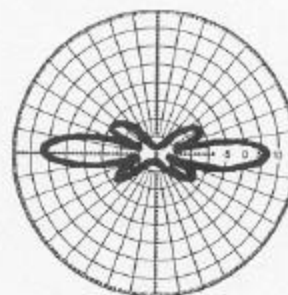
GAIN:	6dBd
VSWR:	<1.5:1
BANDWIDTH:	>20 MHz
POWER RATING:	250 watts
IMPEDANCE:	50 ohms
VERT BEAMWIDTH:	20 degrees

MECHANICAL SPECIFICATIONS:

RADIATOR:	Internal copper alloy elements
RADOME:	White UV inhibited fiberglass
MOUNTING SLEEVE:	1.35" dia. heavy wall epoxy coated
TERMINATION:	Female N standard, pigtail optional
LENGTH:	96"
WEIGHT:	8 lbs.
WIND SURVIVAL	100 MPH +



Vertical Pattern



VSWR vs. Frequency

