



Technical Specification

NBSL450XL6

406-512 MHz 6dBd Gain

BASE STATION ANTENNA

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

Rugged Construction: The radiating elements are supported internally and constructed of copper alloy. They are welded and/or soldered to prevent intermodulation. 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 12 lbs. but are designed to easily withstand winds of 125 MPH.

Simple installation: Using the optional NBSLMNT2 mounting kit, installation takes only minutes.

ELECTRICAL SPECIFICATIONS:

Part No. Frequency

NBSL450XL6-A 406-440MHz

NBSL450XL6-B 440-460MHz

NBSL450XL6-C 450-470MHz

NBSL450XL6-D 460-480MHz

NBSL450XL3-E 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: 1.5" dia. white UV inhibited fiberglass

MOUNTING SLEEVE: 1.95" dia. 10" heavy wall epoxy coated

TERMINATION: Female N

LENGTH: 96"

WEIGHT: 12 lbs.

FLAT PLATE AREA: .66 ft²

WIND RATING: 125 MPH

LATERAL THRUST: 44.5 lbs.

