

380-512 MHz 3dBd Gain**BASE STATION ANTENNA**

Reliable Performance: Rated at 250 watts and 3dB 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 5 lbs. but are designed to easily withstand winds of over 125 MPH.

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

ELECTRICAL SPECIFICATIONS:**FREQUENCY RANGE:**

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|-------------|------------|
| BS380XL3-A | 375-400MHz |
| BS450XL3-A | 406-430MHz |
| BS450XL3-B | 430-450MHz |
| BS450XL3-BC | 445-465MHz |
| BS450XL3-C | 450-470MHz |
| BS450XL3-CD | 460-480MHz |
| BS450XL3-D | 470-490MHz |
| BS450XL3-DE | 480-500MHz |
| BS450XL3-E | 490-512MHz |

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|------------------------|-----------|
| GAIN: | 3dBd |
| VSWR: | <2.0:1 |
| BANDWIDTH: | >20 MHz |
| POWER RATING: | 250 watts |
| IMPEDANCE: | 50 ohms |
| VERT BEAMWIDTH: | 40° |

MECHANICAL SPECIFICATIONS:

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|-------------------------|--|
| RADIATOR: | Internal copper alloy elements |
| RADOME: | 1" dia. white UV inhibited fiberglass |
| MOUNTING SLEEVE: | 1.35" dia. 10" heavy wall epoxy coated |
| TERMINATION: | Female N standard, pigtail optional |
| LENGTH: | 36" at lowest frequency |
| WEIGHT: | 5 lbs. |
| FLAT PLATE AREA: | .21 ft ² |
| WIND RATING: | 125 MPH |
| LATERAL THRUST: | 14.2 lbs. |

**Vertical Pattern**