

144-174MHz, 220-225MHz Unity Gain

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and unity 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 any intermodulation. 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. Full moisture drain system.

Lightweight: These antennas are lightweight at less than 10 lbs. but are designed to easily withstand winds of 125 MPH.

Simple Installation: Using the optional BSLMNT2 mounting kit, installation takes only minutes.

ELECTRICAL SPECIFICATIONS:

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|----------------------------|-------------------|
| ANTENNA TYPE: | FREQUENCY: |
| BSL150U-A | 144-148MHz |
| BSL150U-B | 150-156MHz |
| BSL150U-C | 156-162MHz |
| BSL150U-D | 162-168MHz |
| BSL150U-E | 168-174MHz |
| BSL220U-A | 220-210MHz |
| BSL220U-B | 210-220MHz |
| BSL220U-C | 215-225MHz |
| BANDWIDTH: | 6MHz <2.0:1 VSWR |
| VERTICAL BEAMWIDTH: | 75 degrees |
| POWER RATING: | 250 watts |
| IMPEDANCE: | 50 ohms |

MECHANICAL SPECIFICATIONS:

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|-------------------------|-----------------------------------|
| RADIATOR: | Internal copper alloy elements |
| RADOME: | 1.5" dia. UV inhibited fiberglass |
| MOUNTING SLEEVE: | 10" heavy wall epoxy coated |
| SLEEVE DIAMETER: | 1.95" |
| ANTENNA LENGTH: | 64" Maximum |
| WEIGHT: | 10 lbs. |
| FLAT PLATE AREA: | .44 ft ² |
| WIND RATING: | 125 MPH |
| LATERAL THRUST: | 29.7 lbs. |



Vertical Pattern

