

COMTELCO

Technical Specification

BSLL800XL3WB

806-960MHz, 3dBd Gain

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and 3dBd gain across the 806-960MHz band, this antenna will provide years of continuous service.

Rugged Construction: The radiating elements are supported internally and constructed of copper alloy. 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.

Lightweight: These antennas are lightweight at less than 6 lbs. but are designed to easily withstand winds of over 125 MPH.

Simple Installation: Using the optional BSLLMNT2 mounting kit, installation takes only minutes.

ELECTRICAL SPECIFICATIONS:

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|----------------------------|-----------------|
| FREQUENCY: | 806-960MHz |
| GAIN: | 3dBd |
| VERTICAL BEAMWIDTH: | 40° |
| BANDWIDTH: | 154MHz @ <2.0:1 |
| POWER RATING: | 250 watts |
| IMPEDANCE: | 50 ohms |

MECHANICAL SPECIFICATIONS:

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|---------------------------|----------------------------------|
| ANTENNA LENGTH: | 36" |
| RADIATOR: | Internal copper alloy elements |
| RADOME: | 2" white UV inhibited fiberglass |
| MOUNTING SLEEVE: | Heavy wall epoxy coated |
| SLEEVE DIMENSIONS: | 2.375" X 5" |
| WEIGHT: | 5 lbs. |
| FLAT PLATE AREA: | .248 ft ² |
| WIND SURVIVAL: | 125 MPH |
| LATERAL THRUST: | 16.7 lbs. |



Vertical Pattern

