

COMTELCO

Technical Specification

BS800XL3WB

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 4 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:	806-960MHz
GAIN:	3dBd
VERTICAL BEAMWIDTH:	40°
BANDWIDTH:	154MHz@ <2.0:1
POWER RATING:	250 watts
IMPEDANCE:	50 ohms

MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH:	36"
RADIATOR:	Internal copper alloy elements
RADOME:	White UV inhibited fiberglass
MOUNTING SLEEVE:	Heavy wall epoxy coated
SLEEVE DIMENSIONS:	1.35" X 5"
WEIGHT:	3 lbs.
FLAT PLATE AREA:	.165 ft ²
WIND SURVIVAL:	125 MPH
LATERAL THRUST:	11.2 lbs.



Vertical Pattern

