

COMTELCO

Technical Specification

BS800XL5

806-970MHz, 5dBd, 7dBi Gain

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts, you can expect years of continuous service from these heavy duty antennas.

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 10 lbs. but are designed to easily withstand winds of over 125 MPH.

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

ELECTRICAL SPECIFICATIONS:

FREQUENCY:

BS800XL-A	806-866MHz
BS800XL-C	824-896MHz
BS800XL-E	890-970MHz

GAIN: 5dBd

VERTICAL BEAMWIDTH: 20°

BANDWIDTH: 70MHz@ <2.0:1

POWER RATING: 250 watts

IMPEDANCE: 50 ohms

MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH: 48"

WEIGHT: 8 lbs,

RADIATOR: Internal copper alloy elements

RADOME: 1.5" white UV inhibited fiberglass

MOUNTING SLEEVE: Heavy wall epoxy coated

SLEEVE DIMENSIONS: 1.95" X 10"

FLAT PLATE AREA: .36 ft²,

WIND SURVIVAL: 125 MPH

LATERAL THRUST: 24.1 lbs.



Vertical Pattern XL5

