

COMTELCO

Technical Specification

BSL800XL5

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:

BSL800XL-A	806-866MHz
BSL800XL-C	824-896MHz
BSL800XL-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 ft ² ,
WIND SURVIVAL:	125 MPH
LATERAL THRUST:	24.1 lbs.



Vertical Pattern XL5

