

COMTELCO

Technical Specification

BSLL800XL7

806-970MHz, 6.5dBd, 8.5dBi 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 BSLLMNT2 mounting kit, installation takes only minutes.

ELECTRICAL SPECIFICATIONS:

FREQUENCY:

BSLL800XL-A	806-866MHz
BSLL800XL-C	824-896MHz
BSLL800XL-E	890-970MHz

GAIN:	6.5dBd
VERTICAL BEAMWIDTH:	15°
BANDWIDTH:	70MHz @ <2.0:1
POWER RATING:	250 watts
IMPEDANCE:	50 ohms

MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH:	64"
WEIGHT:	10 lbs,
RADIATOR:	Internal copper alloy elements
TERMINATION:	Female "N"
RADOME:	2.0" white UV inhibited fiberglass
MOUNTING SLEEVE:	Heavy wall epoxy coated
SLEEVE DIMENSIONS:	2.375" X 10"
FLAT PLATE AREA:	.59 ft ² ,
WIND SURVIVAL:	125 MPH
LATERAL THRUST:	26.3 lbs.

Vertical Pattern

