

Technical Specification

380-512 MHz Unity Gain

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts with unity gain, you can expect years of continuous service from this heavy duty antenna.

Rugged Construction: The radiating elements are constructed of copper & copper alloy. They are 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 8 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 RANGE:

BSL380U-A	375-400MHz
BSL450U-A	406-430MHz
BSL450U-B	430-450MHz
BSL450U-BC	445-465MHz
BSL450U-C	450-470MHz
BSL450U-CD	460-480MHz
BSL450U-D	470-490MHz
BSL450U-DE	480-500MHz
BSL450U-E	490-512MHz

GAIN:	Unity
VSWR:	<2.0:1
BANDWIDTH:	>20 MHz
POWER RATING:	250 watts
IMPEDANCE:	50 ohms
VERT BEAMWIDTH:	75°

MECHANICAL SPECIFICATIONS:

RADIATOR:	Internal copper alloy elements
RADOME:	1.5" (4cm) dia. white UV inhibited fiberglass
MOUNTING SLEEVE:	1.95" (4.91cm) dia. 10" (25.4cm) heavy wall epoxy coated
TERMINATION:	Female N
LENGTH:	32" (81cm) at lowest frequency
WEIGHT:	8 lbs. (3.6kg)
FLAT PLATE AREA:	.248 ft ²
WIND RATING:	125 MPH (201kph)
LATERAL THRUST:	16.7 lbs. (7.5kg)



Vertical Pattern

