

Technical Specification
300-400 MHz 3dBd Gain

BS300XL3
BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and 3dB gain, you can expect years of continuous service.

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 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 RANGE:

BS300XL3-300	300-320MHz
BS300XL3-325	317-338MHz
BS300XL3-355	345-365MHz
BS300XL3-375	370-390MHz
BS300XL3-385	375-400MHz

GAIN:	3dBd
VSWR:	<2.0:1
BANDWIDTH:	>20 MHz
POWER RATING:	250 watts
IMPEDANCE:	50 ohms
VERT BEAMWIDTH:	40°

MECHANICAL SPECIFICATIONS:

RADIATOR:	Internal copper alloy elements
RADOME:	1" dia. white UV inhibited fiberglass (2.5cm)
MOUNTING SLEEVE:	1.35" dia. 10" heavy wall epoxy coated
TERMINATION:	Female N standard, pigtail optional
LENGTH:	36" approximate length (1 yard)
WEIGHT:	4 lbs. (1.8kg)
FLAT PLATE AREA:	.21ft ²
WIND RATING:	125 MPH (201kph)
LATERAL THRUST:	14.2 lbs. (6.4kg)



Vertical Pattern

