

Technical Specification

698-896MHz 3dBd Gain

BS698XL3

BASE STATION ANTENNA

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

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

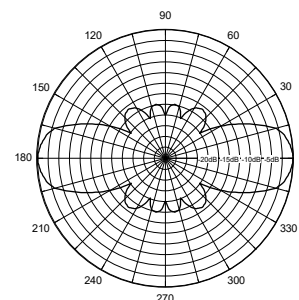
Simple Installation: Using the optional BSMNT2 mounting kit, installation takes only minutes.



ELECTRICAL SPECIFICATIONS:

FREQUENCY:	698-896MHz <2.0:1 698-870MHz <1.5:1
GAIN:	3dBd
VERTICAL BEAMWIDTH:	30°
POWER RATING:	250 watts
IMPEDANCE:	50 ohms

Vertical Pattern



MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH:	21" (53cm)
WEIGHT:	< 3 lbs (1.3kg)
RADIATOR:	Internal copper alloy elements
RADOME:	White UV inhibited fiberglass
MOUNTING SLEEVE:	Heavy wall epoxy coated
SLEEVE DIMENSIONS:	1.35" (3.5cm)x 3" (7.6cm)
FLAT PLATE AREA:	.083 ft ²
WIND SURVIVAL:	125 MPH (201kph)
LATERAL THRUST:	5.6 lbs.(2.5kg)