

Technical Specification

746-796MHz 6.5dBd, 8.5dBi Gain

BS750XL7

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 8 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:	746-796MHz
GAIN:	6.5dBd
VERTICAL BEAMWIDTH:	25°
BANDWIDTH:	50MHz@ <2.0:1
POWER RATING:	250 watts
IMPEDANCE:	50 ohms

MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH:	64" (1.6m)
WEIGHT:	< 8 lbs (4kg)
RADIATOR:	Internal copper alloy elements
RADOME:	White UV inhibited fiberglass
MOUNTING SLEEVE:	Heavy wall epoxy coated
SLEEVE DIMENSIONS:	1.35" (3.4cm) x 10" (25.4)
FLAT PLATE AREA:	.24 ft ²
WIND SURVIVAL:	125 MPH (201kph)
LATERAL THRUST:	16.1 lbs. (7.3kg)



Vertical Pattern

