

Technical Specification

806-970MHz, 6.5dBd Gain

BS800XL7

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:

BS800XL-A	806-866MHz
BS800XL-C	825-896MHz
BS800XL-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:	62" (1.57m)
WEIGHT:	8 lbs. (3.6kg)
RADIATOR:	Internal copper alloy elements
RADOME:	White UV inhibited fiberglass
MOUNTING SLEEVE:	Heavy wall epoxy coated
SLEEVE DIMENSIONS:	1.35" (3.4cm)x 10" (25.4cm)
FLAT PLATE AREA:	.29 ft ²
WIND SURVIVAL:	125 MPH (201kph)
LATERAL THRUST:	19.8 lbs. (8.9kg)



Vertical Pattern

