

Technical Specification
806-960 MHz Unity Gain

BS896UWBT
BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and unity gain across the 806-960MHz band, this antenna will provide 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 light weight at less than 4 lbs. but are designed to withstand winds in excess of 125 MPH.

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



ELECTRICAL SPECIFICATIONS:

FREQUENCY:	806-960MHz
GAIN:	Unity
VERTICAL BEAMWIDTH:	70°
BANDWIDTH:	154MHz @ <2.0:1
POWER RATING:	250 watts
IMPEDANCE:	50 ohms

MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH:	20" (50.8cm)
RADIATOR:	Internal copper alloy elements
RADOME:	White UV inhibited fiberglass
MOUNTING SLEEVE:	Heavy wall epoxy coated alum.
SLEEVE LENGTH:	3 ½" (8.8cm)
SLEEVE DIAMETER:	1.35" (3.4cm)
WEIGHT:	3 lbs. (1.3kg)
FLAT PLATE AREA:	.083 ft ²
WIND RATING:	125 MPH (201kph)
LATERAL THRUST:	5.6 lbs. (2.5kg)

Vertical Pattern

