

COMTELCO

Technical Specification

BSDB18U8

825-896 / 1850-1990 Dual Band

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 alloy. They are welded and, or soldered to prevent any intermodulation. 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 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: 825-896MHz
1850-1990MHz

GAIN: 3dB

VSWR: <2:1

POWER RATING: 250 watts

IMPEDANCE: 50 ohms

VERT BEAMWIDTH: 75 degrees

MECHANICAL SPECIFICATIONS:

RADIATOR: Copper alloy elements

RADOME: White UV inhibited fiberglass

MOUNTING SLEEVE: 1.35" dia. heavy wall epoxy coated

TERMINATION: Female N standard, pigtail optional

LENGTH: 18"

WEIGHT: 4 lbs.

FLAT PLATE AREA: .0825 ft²

WIND RATING: 125 MPH

WIND LOAD: 3.8 lbs.



Vertical Pattern

