

COMTELCO

Technical Specification

BSDBM18U8

825-896 / 1850-1990 Dual Band

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and unity gain across the 824-896/1850-1990 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 heavy wall fiberglass radome is ultraviolet inhibited. The brass mounting sleeve is triple plated chrome for unsurpassed 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 1" 14THD mounting nut, this antenna can be installed quickly on an available L bracket.

ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE:	825-896MHz 1850-1990MHz
GAIN:	Unity
VSWR:	<2:1
POWER RATING:	250 watts
IMPEDANCE:	50 ohms
VERT BEAMWIDTH:	75 degrees

MECHANICAL SPECIFICATIONS:

RADIATOR:	Internal Copper alloy elements
RADOME:	White UV inhibited fiberglass
MOUNT:	1" 14THD marine type
MOUNTING SLEEVE:	Chrome plated brass
TERMINATION:	Female N standard
ANTANNA LENGTH:	18"
WEIGHT:	3 lbs.
FLAT PLATE AREA:	.083 ft ²
WIND RATING:	125 MPH
LATERAL THRUST:	5.6 lbs.



Vertical Pattern

