

Technical Specification

1850-1990MHz, 3dBd / 5dBi Gain

BASE STATION ANTENNA

Reliable Performance: Rated at 100 watts, you can expect years of continuous service.

Construction: The radiating elements are collinear stacked and phased copper alloy tubes. They are encased in an ABS radome for total environmental protection.

Weatherproof: The ABS radome is ultraviolet inhibited. The mounting sleeve is ABS plastic with an extruded drain system to allow for any condensation dissipation.

Lightweight: These antennas are lightweight at less than 2 lbs. but are designed to easily withstand winds of over 125 MPH.

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

Termination: This antenna is available with either an "N" female or "N" male termination. Optional reverse polarity connectors for female "N" are available as special order.



ELECTRICAL SPECIFICATIONS:

FREQUENCY: 1850-1990MHz
GAIN: 3dBd / 5dBi
VERTICAL BEAMWIDTH: 35°
BANDWIDTH: 140MHz@ <2:1
POWER RATING: 100 watts
IMPEDANCE: 50 ohms

MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH: 20" (50.8cm)
WEIGHT: 2 lbs (5cm)
RADIATOR: Copper alloy elements
RADOME: White UV inhibited ABS
MOUNTING SLEEVE: White UV inhibited ABS
SLEEVE DIAMETER: 1.35" (3.4cm)
FLAT PLATE AREA: .07 ft²
WIND RATING: 125 MPH (201 kph)
WIND LOAD: 4.8 lbs (2kg)
TERMINATION: BNF1905S "N" FEMALE
 BNM1905S "N" MALE
 BNT1905S 12" (30cm) PIGTAIL

Vertical Pattern

