

COMTELCO

Technical Specification

BNF1905S
BNM1905S

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"
WEIGHT:	2 lbs,
RADIATOR:	Copper alloy elements
RADOME:	White UV inhibited ABS
MOUNTING SLEEVE:	White UV inhibited ABS
SLEEVE DIAMETER:	1.35"
FLAT PLATE AREA:	.07 ft ²
WIND RATING:	125 MPH
WIND LOAD:	4.8 lbs.
TERMINATION:	BNF1905S "N" FEMALE BNM1905S "N" MALE



Vertical Pattern

