

# COMTELCO

## Technical Specification

**BNF800/915S**  
**BNM800/915S**

**806-960MHz, 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:

<b>PART NO.</b>	<b>FREQUENCY:</b>
BXX800-06	806-896MHz
BXX800-96	896-960MHz
BXX915	900-930MHz
<b>GAIN:</b>	3dBd / 5dBi
<b>VERTICAL BEAMWIDTH:</b>	35°
<b>BANDWIDTH:</b>	100MHz @ <2:1
<b>POWER RATING:</b>	100 watts
<b>IMPEDANCE:</b>	50 ohms

### MECHANICAL SPECIFICATIONS:

<b>ANTENNA LENGTH:</b>	24"
<b>WEIGHT:</b>	2 lbs,
<b>RADIATOR:</b>	Copper alloy elements
<b>RADOME:</b>	White UV inhibited ABS
<b>MOUNTING SLEEVE:</b>	White UV inhibited ABS
<b>SLEEVE DIAMETER:</b>	1.35"
<b>FLAT PLATE AREA:</b>	.08 ft <sup>2</sup>
<b>WIND RATING:</b>	125 MPH
<b>WIND LOAD:</b>	5.4 lbs.
<b>TERMINATION:</b>	BNF800S "N" FEMALE BNM800S "N" MALE

