

# COMTELCO

## Technical Specification

**BS220U**

### 200-225 MHz Unity Gain

### BASE STATION ANTENNA

**Reliable Performance:** Rated at 250 watts and Unity gain, you can expect years of continuous service.

**Rugged Construction:** The radiating elements are supported internally and 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 8 lbs. but are designed to easily withstand winds of over 100 MPH.

**Simple installation:** Using the optional BSMNT2 mounting kit, installation takes only minutes.

#### SPECIFICATIONS

Part No.	Frequency
BS220U-B	215-220MHz
BS220U-C	220-225MHz

CUSTOM FREQUENCIES AVAILABLE

<b>GAIN:</b>	Unity
<b>VSWR:</b>	<2.0:1
<b>BANDWIDTH:</b>	6 MHz
<b>POWER RATING:</b>	250 watts
<b>IMPEDANCE:</b>	50 ohms
<b>VERT BEAMWIDTH:</b>	75 degrees
<b>RADIATOR:</b>	Internal copper alloy elements
<b>RADOME:</b>	White UV inhibited fiberglass
<b>MOUNTING SLEEVE:</b>	1.35" dia. heavy wall epoxy coated
<b>TERMINATION:</b>	Female N standard, pigtail optional
<b>LENGTH:</b>	60"
<b>WEIGHT:</b>	8 lbs.
<b>WIND SURVIVAL</b>	100 MPH +



**Vertical Pattern**

