

COMTELCO

Technical Specification



BS220S, SN

200-225 MHz Unity Gain

BASE STATION ANTENNA

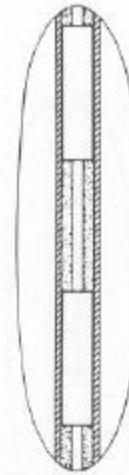
Reliable Performance: Rated at 100 watts and unity gain, you can expect years of continuous service.

Rugged Construction: The radiating elements are constructed of copper alloy. They are encased in a fiberglass radome for total environmental protection.

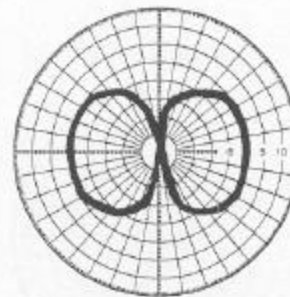
Weatherproof: The fiberglass radome is ultraviolet inhibited. The integrated mount is epoxy coated or triple plated chrome for superior weather protection. An optional stainless steel hardware option is also available.

Lightweight: These antennas are lightweight at less than 3 lbs. but are designed to easily withstand winds of over 100 MPH.

Simple installation: With the integrated mount, the installation can be completed in minutes.



Vertical Pattern



SPECIFICATIONS

Part No.	Frequency
BS220S-B	210-220MHz
BS220S-C	220-225MHz

CUSTOM FREQUENCIES AVAILABLE

GAIN:	Unity
VSWR:	<1.5:1
BANDWIDTH:	8 MHz
POWER RATING:	100 watts
IMPEDANCE:	50 ohms
VERT BEAMWIDTH:	75 degrees
RADIATOR:	Internal copper alloy elements
RADOME:	White UV inhibited fiberglass
MOUNTING:	Integrated 1 1/2" standard mount kit
TERMINATION:	TNC or Type N female
LENGTH:	37"
WEIGHT:	3 lbs.
WIND SURVIVAL	100 MPH +

VSWR vs. Frequency

