

# COMTELCO

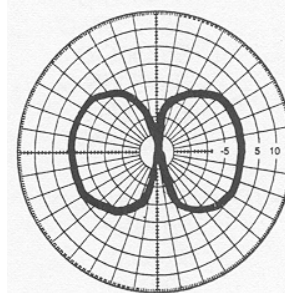
## VHF - BASE STATION ANTENNA

These antenna's radiating elements are constructed of copper alloy and are encased in a fiberglass radome for protection. The fiberglass radome is ultraviolet inhibited and the heavy wall aluminum mounting sleeve is epoxy coated for superior weather protection. These antennas are designed to easily withstand winds 150 mph. Rated at 250 watts, you can expect years of continuous service.

### VHF (144-174) Unity Gain

<b>Frequency range:</b>	BS150U-A	144-150 MHz
	BS150U-B	150-156 MHz
	BS150U-C	156-162 MHz
	BS150U-D	162-168 MHz
	BS150U-E	168-174 MHz
<b>Gain:</b>	Unity	
<b>Vertical Beamwidth:</b>	75 degrees	
<b>Bandwidth:</b>	6 MHz	
<b>Impedance:</b>	50 ohms	
<b>Maximum Power Rating:</b>	250 watts	
<b>VSWR:</b>	< 1.5 to 1	
<b>Antenna Dimensions:</b>	1.35" OD x 64"	
<b>Connector Terminations:</b>	Type N Female	
<b>Wind Survival:</b>	150 mph	
<b>Weight:</b>	4 lbs	

*Vertical Pattern*



### VHF (144-174) 3 dBd Gain

<b>Frequency range:</b>	BS150XL3-A	144-150 MHz
	BS150XL3-B	150-156 MHz
	BS150XL3-C	156-162 MHz
	BS150XL3-D	162-168 MHz
	BS150XL3-E	168-174 MHz
<b>Gain:</b>	3 dBd	
<b>Vertical Beamwidth:</b>	40 degrees	
<b>Bandwidth:</b>	6 MHz	
<b>Impedance:</b>	50 ohms	
<b>Maximum Power Rating:</b>	250 watts	
<b>VSWR:</b>	< 1.5 to 1	
<b>Antenna Dimensions:</b>	1.35" OD x 96"	
<b>Connector Terminations:</b>	Type N Female	
<b>Wind Survival:</b>	150 mph	
<b>Weight:</b>	6 lbs	

*Vertical Pattern*

