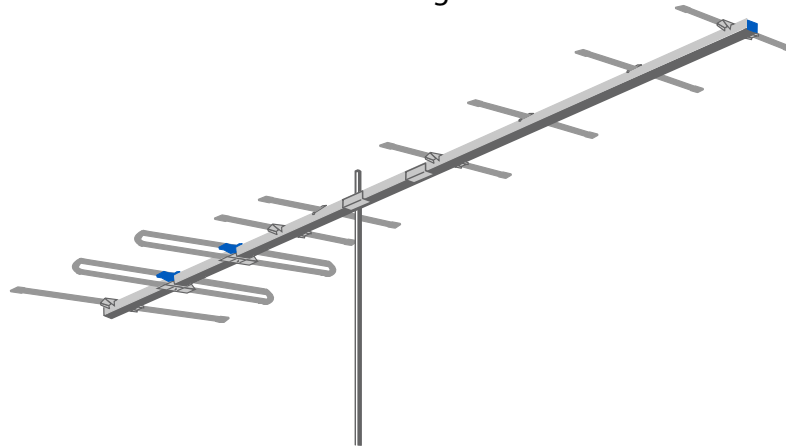


# Engineering Specifications

## ANTENNACRAFT® Model Y10-7-13 VHF Yagi Antenna



**Model Number:** Y10-7-13

<b>General:</b>	
Channels	7 - 13
Electronic Elements	10
Output Impedance	300 ohms

<b>Physical:</b>	
Boom Length	120"
Maximum Width	35.75"
Vertical Height	4"
Turning Radius	70"
Element Diameter	.375"
Shipping Weight	4.8 lbs.
Carton Dimensions	4.5" x 6" x 71"

<b>Performance:</b>		
1	Gain (dB)	
	VHF Low Band	N/A
	VHF High Band	9.4
2	Half-Power Beamwidth (deg.)	
	VHF Low Band	N/A
	VHF High Band	44.5
3	Front-To-Back Ratio (dB)	
	VHF Low Band	N/A
	VHF High Band	16.5

1: Over Half-Wave Tuned Dipole  
 2: -3 dB Down Points  
 3: Opposite Hemisphere