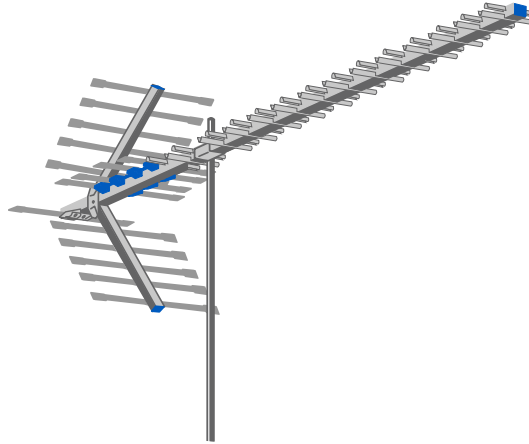


# Engineering Specifications

## ANTENNACRAFT® Model MXU47 UHF Antenna



Model Number: MXU-47

General:	
Channels	14 - 69
Electronic Elements	47
Output Impedance	300 ohms

Physical:	
Boom Length	80"
Maximum Width	20"
Vertical Height	32"
Turning Radius	52.5"
Element Diameter	.375"
Shipping Weight	6.0 lbs.
Carton Dimensions	6.25" x 6.25" x 81"

Performance:		
1	Gain (dB)	
	VHF Low Band	N/A
	VHF High Band	N/A
	UHF Band	10.1
2	Half-Power Beamwidth (deg.)	
	VHF Low Band	N/A
	VHF High Band	N/A
	UHF Band	33.0
3	Front-To-Back Ratio (dB)	
	VHF Low Band	N/A
	VHF High Band	N/A
	UHF Band	16.1

1: Over Half-Wave Tuned Dipole (Ch. 14 - 62)

2: -3 dB Down Points

3: Opposite Hemisphere