

# ANTENNACRAFT® Specification Sheet

**Model Number:**

**5MS9000**  
and  
**5MS9000IR**



**General**

**Channels/Frequency:** 2 - 69  
**Output Impedance (ohms):** 75

**Physical**

**Maximum Width/Diameter (in):** 21.0  
**Vertical Height (in):** 6.4 (8.8 total w/ mast bracket)  
[3.1 outer disc height]  
**Shipping Weight (lbs.):** 13.0  
**Carton Dimensions (in):** 23 x 22 x 8

**Antenna Performance**

**Average Gain Over Reference Dipole (dB):**  
**Low Band:** -15.8  
**High Band:** -6.4  
**UHF Band:** 2.5

**Half Power Beamwidth (deg.)**  
**Low Band:** 133  
**High Band:** 207  
**UHF Band:** 48

**Front to Back Ratio (dB)**  
**Low Band:** 13.2  
**High Band:** 12.6  
**UHF Band:** 8.7

**Amplifier Performance**

**Gain (dB):**  
**VHF Band:** 16.0  
**UHF Band:** 20.0

**Noise (dB):**  
**VHF Band:** <3.7  
**UHF Band:** <2.9