

## HA 450-2 : Technical Specifications

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Marti has the solution to your UHF interference problems. The HA 450 series horizontally polarized UHF base antenna will give you up to 30 dB isolation from vertically polarized UHF transmitters. Using the HA 450 antenna will minimize annoying interference during remote broadcasts due to high isolation factors between vertical and horizontal polarization.



### GENERAL SPECIFICATIONS

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**Frequency Range:**  
400-512 MHz

**Bandwidth:**  
40 MHz

**VSWR Over Bandwidth:**  
1.5:1

**Power Rating:**  
300 W

**Input Impedance:**  
50 Ohms

**Gain at Mid-Frequency:**  
3 dBd

**Gain, Isotropic:**  
5.15 dBi

**Polarization:**  
Horizontal

**Isolation:**  
30 dB

**Radiation Pattern:**  
Omnidirectional

## PHYSICAL SPECIFICATIONS

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**Mounting Type:**  
Heavy duty mounting arms

**Input Connector:**  
Type "N" Female

**Input Cable Provided:**  
Yes

**Radiator Material:**  
Aluminum

**Base and Fittings Material:**  
Aluminum and plated steel

**Number of Bays or Elements:**  
2

**Length:**  
2 ft

**Wind Area, CaAc per TIA/EIA:**  
1.1 SqFt

**Max Wind Survival:**  
125 MPH

**Lightning Protection:**  
Direct ground

**Weight:**  
4.5 lbs

**Shipping Dimensions:**  
32" x 8" x 8"

**Shipping Weight:**  
8 lbs

## SPECIAL NOTES

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Includes cable harness