

### HA 450-4 - Specifications : Technical Specifications

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#### 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:**

6 dBd

**Gain, Isotropic:**

8.15 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:**

4

**Length:**

6 ft

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

2.3 SqFt

**Max Wind Survival:**

125 MPH

**Lightning Protection:**

Direct ground

**Weight:**

9.5 lbs

**Shipping Dimensions:**

72" x 8" x 8"

**Shipping Weight:**

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12 lbs

### SPECIAL NOTES

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Includes cable harness

