

### HA 450-2 - Specifications : Technical Specifications

---

#### GENERAL SPECIFICATIONS

---

**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

---

**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:**

# Broadcast Electronics

## Technical Specifications

8 lbs

### SPECIAL NOTES

---

Includes cable harness

