

## AV-15 : Technical Specifications

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AV-15 Aviation Antenna



### GENERAL SPECIFICATIONS

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**Frequency Range:**

450-470 MHz

**Bandwidth:**

20 MHz

**VSWR Over Bandwidth:**

1.5:1

**Power Rating:**

100 W

**Input Impedance:**

50 Ohms

**Gain at Mid-Frequency:**

1 dBd

**Gain, Isotropic:**

3.15 dBi

**Polarization:**

Vertical

**Isolation:**

N/A

**Radiation Pattern:**  
Omnidirectional

## PHYSICAL SPECIFICATIONS

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**Mounting Type:**  
Surface

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

**Input Cable Provided:**  
None

**Radiator Material:**  
Chrome plated phosphor Bronze

**Base and Fittings Material:**  
Teflon and metal

**Number of Bays or Elements:**  
1

**Length:**  
.5 ft

**Wind Area, CaAc per TIA/EIA:**  
.75 SqFt at 250 MPH

**Max Wind Survival:**  
350 MPH

**Lightning Protection:**  
N/A

**Weight:**  
.5 lbs

**Shipping Dimensions:**  
5" x 5" x 12"

**Shipping Weight:**  
1 lbs

## REGULATORY

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FAA