

### AV-15 - Specifications : Technical Specifications

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#### 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:**

# Broadcast Electronics

## Technical Specifications

1 lbs.

### REGULATORY

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FAA

