

# Broadcast Electronics

## Technical Specifications

### SC 150AC - Specifications : Technical Specifications

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#### GENERAL SPECIFICATIONS

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**Frequency Range:**

215-399 MHz

**Bandwidth:**

.4 MHz

**VSWR Over Bandwidth:**

1.5:1

**Power Rating:**

500 W

**Input Impedance:**

50 Ohms

**Gain at Mid-Frequency:**

3.85 dBd

**Gain, Isotropic:**

6 dBi

**Polarization:**

Vertical

**Isolation:**

N/A

**Radiation Pattern:**

Omnidirectional

#### PHYSICAL SPECIFICATIONS

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**Mounting Type:**

Customer supplied pipe

**Input Connector:**

PL-259

**Input Cable Provided:**

15', RG-58/U

**Radiator Material:**

Aluminum

**Base and Fittings Material:**

Aluminum

**Number of Bays or Elements:**

3

**Length:**

9 ft

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

1.5 SqFt

**Max Wind Survival:**

100 MPH

**Lightning Protection:**

None, series fed

**Weight:**

4 lbs

**Shipping Dimensions:**

11" x 28" x 4"

**Shipping Weight:**

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13 lbs

### SPECIAL NOTES

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Specify freq at time of order. Shippable by UPS. Customer supplies 3/4" nominal pipe. Wind survival is an estimate and depends upon pipe used.

