

## SC 48 : Technical Specifications

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Available in 4-foot diameters, the SC 48 parabolic antenna operates between 940 MHz and 960 MHz with up to 100 Watts maximum input power.



### GENERAL SPECIFICATIONS

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**Frequency Range:**

940-960 MHz

**Bandwidth:**

20 MHz

**VSWR Over Bandwidth:**

1.3:1

**Power Rating:**

100 W

**Input Impedance:**

50 Ohms

**Gain at Mid-Frequency:**

18.85 dBd

**Gain, Isotropic:**

21 dBi

**Polarization:**

Horizontal or Vertical

**Isolation:**

20 dB

**Radiation Pattern:**

Directional

**3 dB Beamwidth, Horizontal:**

16 degrees

**3 dB Beamwidth, Vertical:**

16 degrees

**Front/Back Ratio:**

23 dB

## PHYSICAL SPECIFICATIONS

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**Mounting Type:**

rear clamp

**Input Connector:**

Type "N" Female

**Input Cable Provided:**

None

**Radiator Material:**

Stainless Steel and Aluminum

**Base and Fittings Material:**

Plated steel

**Number of Bays or Elements:**

1

**Length:**

4 ft

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

1.2 SqFt

**Max Wind Survival:**

100 MPH

**Lightning Protection:**

Direct Ground

**Weight:**

47 lbs

**Shipping Dimensions:**

56" x 55" x 12"

**Shipping Weight:**

~66 lbs

## REGULATORY

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FCC Category B

## SPECIAL NOTES

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Mounting clamps to 1.75" to 3.5" pipe.

Replacement feed part number 540-094-4, Shipping approximate 30" x 12" x 12", 5lb