

SC 48 - Specifications : Technical Specifications

GENERAL SPECIFICATIONS

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

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:

Broadcast Electronics

Technical Specifications

Direct ground

Weight:

47 lbs

Shipping Dimensions:

56" x 55" x 12"

Shipping Weight:

~66 lbs

REGULATORY

FCC Category B

SPECIAL NOTES

Mounting clamps to 1.75" to 3.5" pipe. Replacement feed part number 540-094-4, Shipping approximate 30" x 12" x 12", 5lb

