

YC 450 - Specifications : Technical Specifications

GENERAL SPECIFICATIONS

Frequency Range:

450-470 MHz

Bandwidth:

20 MHz

VSWR Over Bandwidth:

1.5:1

Power Rating:

300 W

Input Impedance:

50 Ohms

Gain at Mid-Frequency:

10 dBd

Gain, Isotropic:

12.15 dBi

Polarization:

Horizontal or Vertical

Isolation:

20 dB

Radiation Pattern:

Directional

3dB Beamwidth, Horizontal:

45 degrees

3dB Beamwidth, Vertical:

60 degrees

Front/Back Ratio:

20 dB

PHYSICAL SPECIFICATIONS

Mounting Type:

Rear extended boom

Input Connector:

Type "N" Female

Input Cable Provided:

None

Radiator Material:

Aluminum

Base and Fittings Material:

Aluminum

Number of Bays or Elements:

6

Length:

1.7 ft

Wind Area, CaAc per TIA/EIA:

.45 SqFt

Max Wind Survival:

150 MPH

Lightning Protection:

Broadcast Electronics

Technical Specifications

Direct Ground

Weight:

2 lbs

Shipping Dimensions:

23" x 16" x 4"

Shipping Weight:

3 lbs.

REGULATORY

NA

SPECIAL NOTES

Field replaceable elements. Includes 1/4" "V" bolts for attachment up to 1-1/2" diameter nominal pipe. Can stack two units for 3 dB increase in gain. Specify freq at time of order.

