

Cellcast Yagi with Tripod - Specifications : Technical Specifications

GENERAL SPECIFICATIONS

Frequency Range:

824-896 MHz

Bandwidth:

62 MHz

VSWR Over Bandwidth:

1.5:1

Power Rating:

100 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 yagi with adjustable tripod support

Input Connector:

Type "N" Female on antenna TNC on cable

Input Cable Provided:

25', RG58 with "N" Male one end and "TNC" male opposite end

Radiator Material:

Aluminum

Base and Fittings Material:

Aluminum

Number of Bays or Elements:

5

Length:

1.5 ft

Wind Area, CaAc per TIA/EIA:

.45 SqFt, antenna only

Max Wind Survival:

150 MPH

Lightning Protection:

Broadcast Electronics

Technical Specifications

Direct Ground

Weight:

10 lbs

Shipping Dimensions:

9" x 9" x 57"

Shipping Weight:

15 lbs.

REGULATORY

NA

SPECIAL NOTES

Inculdes antenna, 25' cable, tripod stand and bag.

