

### Cellcast Yagi with Tripod - Specifications : Technical Specifications

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#### GENERAL SPECIFICATIONS

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**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

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**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

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NA

### SPECIAL NOTES

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

