



BMYD890K antenna (top)
with BWC1001 mount
(left)



Bluewave Yagi Antennas, 890-960 MHz, 10 dBd Gain

The BMYD890K series has been engineered to meet the requirements of a high gain, broadband, premium quality antenna. The antenna has 10 dBd gain and operates in the 890-960 MHz range. The BMYD890 is manufactured using high strength 6061-T6 aluminum to withstand heavy ice, high wind and other harsh conditions. All elements are welded to the boom and the dipole design has an integral feed line welded to the boom for extra strength and electrical conductivity. This eliminates misalignment or fastener problems. The entire antenna is anodized for appearance and corrosion resistance. A heavy duty clamp is supplied which easily permits horizontal or vertical polarization.

Features

- Elements and boom are manufactured from aircraft quality 6061-T6 aluminum for optimum strength
- Antenna is anodized for corrosion resistance
- Antenna is supplied with a 2' pigtail (RG213) and N female connector.

Technical Data

Maximum Power: 200 watts
Nominal Impedance: 50 ohms
VSWR: < 1.5:1 Nominal < 1.7:1 Maximum
Radiator Material: Aluminum 6061-T6
Mounting Method: Includes mounting hardware BWC1001

For detailed specifications,
visit <http://antenna.pctel.com>.

Antenna Electrical Specifications

Model	Frequency Range	-3 dB Horizontal Beamwidth	-3 dB Vertical Beamwidth	Front to Back Ratio	Nominal Gain
BMYD890K	890-960 MHz	56°	46°	20 dB	10 dBd

Mechanical Specifications

Model	Antenna Dimensions* (L x W)	Weight (Mass)	Cross Sectional Area	Lateral Thrust @ 100 mph	Rated Wind Velocity**
BMYD890K	24" x 6.8"	6.8 lbs	0.24 ft ²	6 lbs	125 mph

Model	Elements	Cable Type	Cable Length	Connector Type
BMYD890K	7	RG213	2 ft	N female

* Dimension does not include antenna cable

**120 mph with 1/2" radial ice (mph)