



BMYD210G antenna (top) and BWC1001 mount (right)



### Technical Data

Maximum Power: 300 watts
Nominal Impedance: 50 ohms
Radiator Material: Aluminum 6061-T6
Mounting Method: Includes mounting hardware BWC1001
Connector Option: Type N Female

## Bluewave Yagi Antenna, 215-225 MHz -PRELIMINARY-

The BMYD210G has been engineered to meet the requirements of a high gain, broadband, premium quality antenna. This antenna provides 6.5 dBd gain and operates in the 215-225 MHz range. The BMYD210G is manufactured using high strength 6061-T6 Aluminum to withstand heavy ice, high wind and other harsh conditions. The innovative dipole design has an integral feed line and is welded to the boom for extra strength and electrical conductivity. This also eliminates misalignment or fastener problems. The entire antenna is powder coated for appearance and corrosion resistance. A heavy duty clamp is supplied which easily permits horizontal or vertical polarization. The BMYD210G is available with RG213U and Type N-female connector.

### Features

- Elements and boom are manufactured from aircraft quality 6061-T6 aluminum for optimum strength
- Antenna is powder coated for corrosion resistance

### RF/Electrical Specifications

Model	Frequency Range	SWR	Horizontal Beamwidth	Vertical Beamwidth	Front to Back Ratio	Nominal Gain
BMYD210G	215-225 MHz	<2.0	90°	65°	20 dB	6.5 dBd

### Mechanical Specifications

Model	Antenna Dimensions* (L X W X D)	Weight (Mass)	Cross Sectional Area	Lateral Thrust @ 100 mph	Rated Wind Velocity
BMYD210G	40" x 27.75" x 5.5"	4 lbs	0.82 ft <sup>2</sup>	20.5 lbs	150 mph

Model	Elements	Cable Type	Cable Length	Connector
BMYD210G	3	RG213/U	6 ft	N female

\* Dimension does not include antenna cable.

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