

# BLUEWAVE<sup>TM</sup> MARATHON<sup>TM</sup>

**BMO902G**  
Previously BW9006

**902-928 MHz**

## ANTENNA SPECIFICATIONS

Bottom Operating Frequency	(MHz VSWR $\leq$ 1.5)	902
Top Operating Frequency	(MHz VSWR $\leq$ 1.5)	928
Nominal Gain (dBd)		6
Horizontal Beamwidth (Deg-3dB)		360
Vertical Beamwidth (Deg-3dB)		15
Power Rating (W)		200
Length (inches)		72.5
Width (inches)		2.5
Antenna Weight (lbs.)		10
Cross Sectional Area (Max. ft <sup>2</sup> )		1.17
Lateral Thrust at 100mph (lbs.)		29.25
Rated Wind Velocity (mph)		150
Rated Wind Velocity with 1/2" Radial Ice (mph)		125

**BMO902G** contains an integrated N-Female connector.



The **BMO902G** has been designed to provide omni-directional coverage in the **902-928 MHz** frequency band. Antenna base is anodized 6061-T6 Aluminum to provide a solid, secure mount for the N-Female termination. The **BMO902G** is fully encased in a UV-stable, heavy-duty fiberglass radome to withstand harsh environmental conditions.

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