

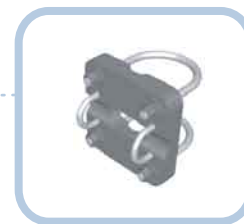
BLUEWAVETM MARATHONTM

BMY890K
Previously BW947Y-2

890-960 MHz

ANTENNA SPECIFICATIONS

Bottom Operating Frequency (MHz VSWR $\leq$ 1.5)	890
Top Operating Frequency (MHz VSWR $\leq$ 1.5)	960
Nominal Gain (dBd, dBi > 1GHz)	10
Horizontal Beamwidth (Deg-3dB)	56
Vertical Beamwidth (Deg-3dB)	46
Front to Back Ratio (dB)	20
Power Rating (W)	200
Length (inches)	24
Width (inches)	6.8
Antenna Weight (lbs.)	2
Cross Sectional Area (Max. ft ²)	0.24
Lateral Thrust at 100mph (lbs.)	6
Rated Wind Velocity (mph)	125
Rated Wind Velocity with 1/2" Radial Ice (mph)	120



Includes mounting hardware
BWC1001

BMY890K5502N1 contains 2' of RG213/U and N-Male crimp connector.

Other options available.

Cable Type: Your choice of RG213U or BW400.

Cable Length: Up to 50'.

Connector: N, BNC, TNC and more.

The **BMY890K** has been engineered to meet the requirements of a high gain, broadband, premium quality antenna. This antenna provides 10 dBd gain and operates in the **890-960 MHz** range. The **BMY890K** is manufactured using high strength 6061-T6 Aluminum to withstand heavy ice, high wind and other harsh conditions. Our patented 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 anodized for appearance and corrosion resistance. A heavy duty clamp is supplied which easily permits horizontal or vertical polarization. The **BMY890K** is available with RG213U and N-Male Crimp connector. Other options available by special order.

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