



BARKER & WILLIAMSON

Antennas, Masts and Accessories for HF Radio

www . bwantennas . com

MK112 Base and Roof Mount Antenna Masts FRP Fiberglass Reinforced Plastic



24 Ft Ground Mount Mast Kit



24 Ft Roof Mount Mast Kit

- **Mount off the ground or rooftop**
- **Permanent and semi-permanent use**
- **Heavy duty material**
- **Configurations for NVIS and long range**
- **Light green color for any environment**



Roof Mount Foot

Barker & Williamson's heavy duty mast systems are designed to support both our folded dipole and end-fed antennas. They may also be used to support other antennas such as vertical whips. Configurations are available for single poles, NVIS and long range use.

These kits are designed for permanent and semi-permanent mounting. All kits include the poles, center pins or roof mount feet, guy lines, guy rings, top mounted halyard pulleys, etc. They are not intended to be used tactically.

Mast poles are made in 6 foot sections. They are assembled with inner joiner pieces, and bolted together. A locator pin is hammered into the ground to stabilize the bottom of the assembly for ground mounted units. Roof mount units have an adjustable foot for flat, sloped, and peaked use.

The material utilized for the pole sections is a composite known as FRP - fiberglass reinforced plastic. Unlike cheap "fishing pole" material it is extremely strong and rigid. The color is throughout the material - no chipping paint. Also, shock hazards are eliminated.

Whatever your mission profile, we have an HF antenna for you.

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MAST P/N SELECTION

Complete NVIS Mast System

This includes three mast poles that set up to 12 feet of height. The pole sections are 6 feet long.

Model	Qty of Poles	Center Height	End Height	Mounting
MK112-312B-LG	3	12 Ft	12 Ft	Ground
MK112-312R-LG	3	12 Ft	12 Ft	Roof

Complete Long Range Mast System

This includes three mast poles that set up to 24 feet of height in the center, and 12 foot on the ends. The pole sections are 6 feet long.

Model	Qty of Poles	Center Height	End Height	Mounting
MK112-324B-LG	3	24 Ft	12 Ft	Ground
MK112-324R-LG	3	24 Ft	12 Ft	Roof

Individual Masts

These are individual masts. Each is a complete single pole kit.

Model	Qty of Poles	Center Height	End Height	Mounting
MK112-112B-LG	1	12 Ft	-	Ground
MK112-112R-LG	1	12 Ft	-	Roof
MK112-124B-LG	1	24 Ft	-	Ground
MK112-124R-LG	1	24 Ft	-	Roof

SPECIFICATIONS

Mechanical

Material FRP (Fiberglass Reinforced Plastic)
Color Light Green
Height 12 Ft to 24 Ft
Break Down Length 6 Ft
Weight (complete kit)
 12 Ft Mast (1) 15 Lbs
 24 Ft Mast (1) 25 Lbs

Environmental

Temperature (Operating) -40° to +55° C
Wind 100 MPH
 (Wind rating is predicated upon the guy lines staying properly anchored and tensioned.)

Electrical

Non-Conductive