



# BARKER & WILLIAMSON

*Antennas, Masts and Accessories for HF Radio*

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## **MK114 Tactical Antenna Mast FRP Fiberglass Reinforced Plastic**



24 Ft Green Mast Kit

- **Rapid deployment**
- **Fully camouflaged**
- **Tactical front and rear uses**
- **Light weight high strength material**
- **Configurations for NVIS and long range**



24 Ft Green Mast w/contrasting Antenna

Barker & Williamson's tactical mast systems, together with our broadband antennas, give tactical front and rear units the HF communications capability needed in today's environment. Configurations are available for both NVIS and long range use. All come in complete kits including the poles, pins, camouflage carry bags, hammers, guy lines, top mounted halyard pulleys, etc.

Mast poles are made in 4 foot sections. They are rapidly field assembled with an inner joiner, and pinned together. The pins are captivated to the poles with lanyards so they won't get lost. A locator pin is hammered into the ground to stabilize the bottom of the assembly. A guy ring is placed on top, and lines run down to ground stakes. The preassembled guy lines have easy to use tensioners and snap hooks.

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

Other features include all 'in-the-ground' components made from aluminum to avoid rust. All guys and lines utilize polyester, which won't stretch, rot, or degrade in UV.

*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 4 feet long. Complete kit with camouflage carry bags, lines, stakes, etc.

Model	Qty of Poles	Center Height	End Height	Camouflage
<a href="#">MK114-312T-S</a>	3	12 Ft	12 Ft	Sand
<a href="#">MK114-312T-G</a>	3	12 Ft	12 Ft	Green

### 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 4 feet long. Complete kit with camouflage carry bags, lines, stakes, etc.

Model	Qty of Poles	Center Height	End Height	Camouflage
<a href="#">MK114-324T-S</a>	3	24 Ft	12 Ft	Sand
<a href="#">MK114-324T-G</a>	3	24 Ft	12 Ft	Green

### Individual Masts

These are individual masts. Each is a complete single pole kit with camouflage carry bag, lines, stakes, etc.

Model	Qty of Poles	Center Height	End Height	Camouflage
<a href="#">MK114-112T-S</a>	1	12 Ft	-	Sand
<a href="#">MK114-112T-G</a>	1	12 Ft	-	Green
<a href="#">MK114-124T-S</a>	1	24 Ft	-	Sand
<a href="#">MK114-124T-G</a>	1	24 Ft	-	Green

## SPECIFICATIONS

### *Mechanical*

**Material** ..... FRP (Fiberglass Reinforced Plastic)

**Height** ..... 12 Ft to 24 Ft

**Break Down Length** ..... 4 Ft

**Weight (complete kit)**

12 Ft Mast (1) ..... 11 Lbs

24 Ft Mast (1) ..... 17 Lbs

**Deployment Time**

NVIS System ..... 1 person 10 Minutes

Long Range System ..... 2 people 10 Minutes

### *Environmental*

**Temperature (Operating)** ..... -40° to +55° C

**Wind** ..... 100 MPH

(Wind rating is predicated upon ground stakes staying in the ground with guy lines properly tensioned.)

### *Electrical*

**Non-Conductive**