

## Ranger Series Portable Antenna System

### Rugged Kevlar Reinforced Radiating Elements

### HF-2 True Broadband HF Dipole Antenna

- \* HF-2 125W PEP / 50W Cont.
- \* HF-2H 200W PEP / 125W Cont.

Bushcomm's Ranger series of portable HF Antennas are lightweight, uncompromising, and have been engineered to operate with the world's most popular Analogue & Data mode transceivers.

The quick deployment HF-2 Broadband Dipole Antenna incorporates loading to provide controlled impedance across the HF band.

This removes the need for an antenna tuner, and allows operation with frequency agile/frequency hopping communications modes.

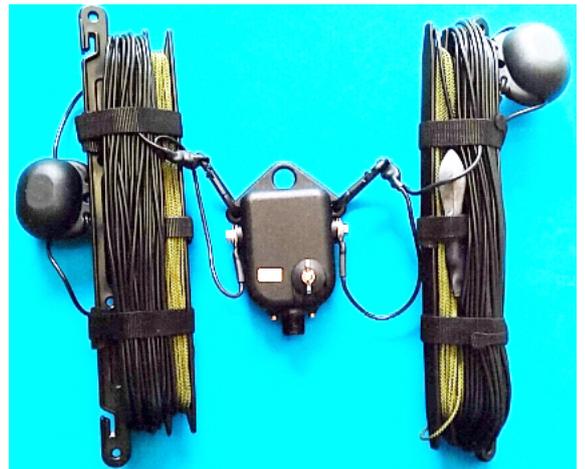
For operation, each side of the antenna is unwound to its full length.

Throwing cords are provided that can be used to elevate the antenna or tie it to ground for an inverted V configuration.

#### Two versions available: 125 Watt and 200 Watt.

The 125W PEP antenna will easily handle continuous data and CW transmission on a 50w man pack radio.

The 200W model is suitable for continuous heavy duty data usage with 125W transceivers.



Unpacked Portable HF-2 Broadband Dipole

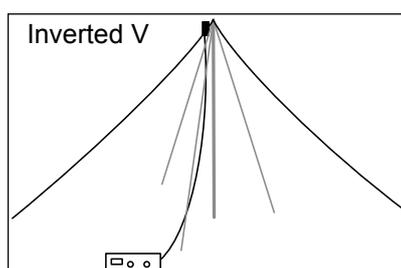
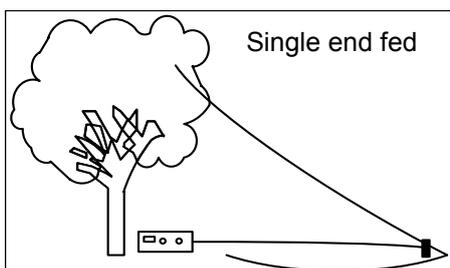
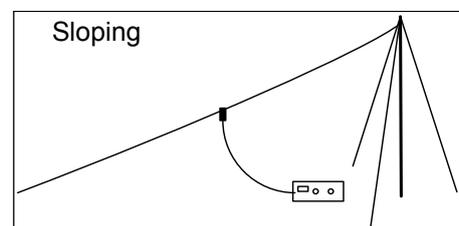
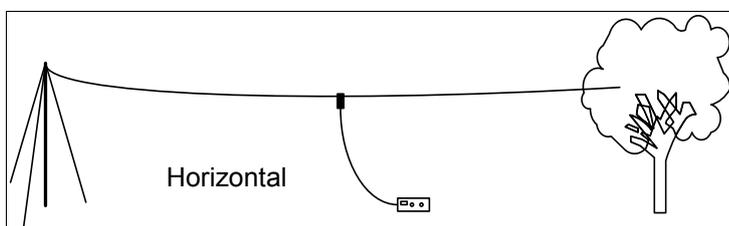


HF-2 Lightweight Antenna with carry bag - 125W PEP



Heavy duty load of the 200W PEP HF-2H Antenna

The versatility of this antenna is such that it can be used in a number of configurations, depending on structures available for elevation as seen below.



**SPECIFICATION**
**ELECTRICAL**

<b>Frequency Range</b>	2.0 - 30 MHz
<b>Maximum power rating</b>	<b>HF-2</b> (BU01066B) - 125w PEP/50w Cont. <b>HF-2H</b> (BU01067B) - 200w PEP/125w Data.
<b>Impedance</b>	50 ohm

**MECHANICAL**

<b>Material</b>	Kevlar core, woven copper braid, <b>black</b> pvc sheath
<b>Length</b>	48m
<b>Weight</b>	1.2kg (125W) 1.55kg (200W)
<b>Packed size</b>	37cm x 18cm x 5cm
<b>Connector</b>	SO239

**SPECIAL FEATURES**

- **2.0-30 MHz frequency range**
- **True broadband Antenna - No tuner required**
- **Light weight and packs away for easy transport**
- **Kevlar Reinforced -Tough, durable, perfect for outdoor environments**
- **Flexible arrangements for deployment depending on environment**
- **Perfect for frequency agile transmitters**

**VSWR**
