

## VHF30108GS

VHF manpack groundspike folding whip, composite, monopole, 2.43 m, 30-108 MHz



### Tactical Antennas: Tactical and Base Station

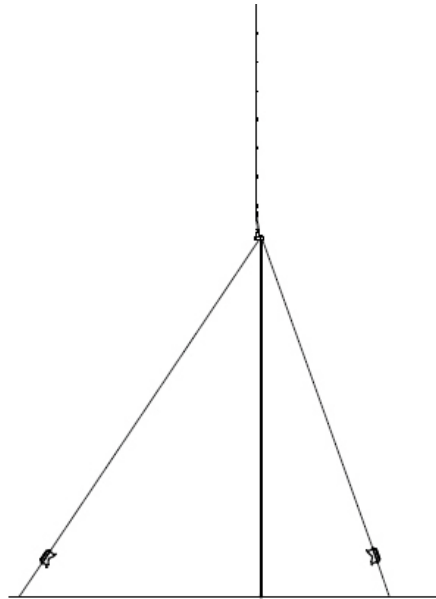
### Description

The VHF30108GS is a ground spike antenna designed for the 30 to 108 MHz band. The ground spike antenna fits within a standard 24 mm mast. In this case, the upper part of the guy lines are used for a ground plane and a standard manpack whip is used for the radiating element. Design and accessories can be adjusted to suit various environmental conditions and special applications.

Different interfaces can be made to accommodate individual customer requirements.

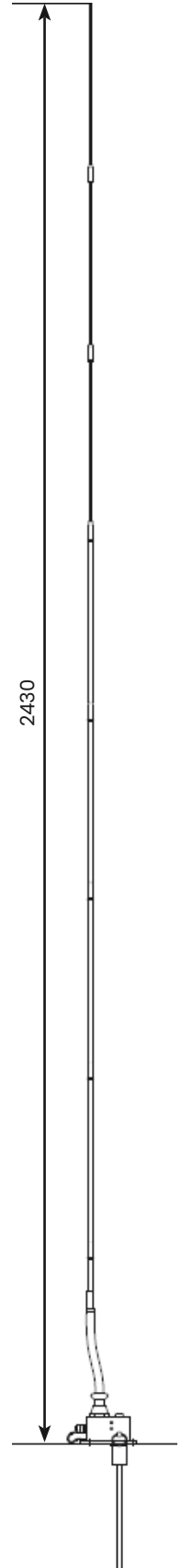
### Electrical Specifications

<b>Frequency Range</b>	30 - 108 MHz
<b>VSWR</b>	< 3.5, will depend on the surroundings
<b>Nominal Impedance</b>	50 $\Omega$
<b>Power Rating</b>	25 W
<b>Gain</b>	- 8 to 2 dBi
<b>Polarisation</b>	Vertical



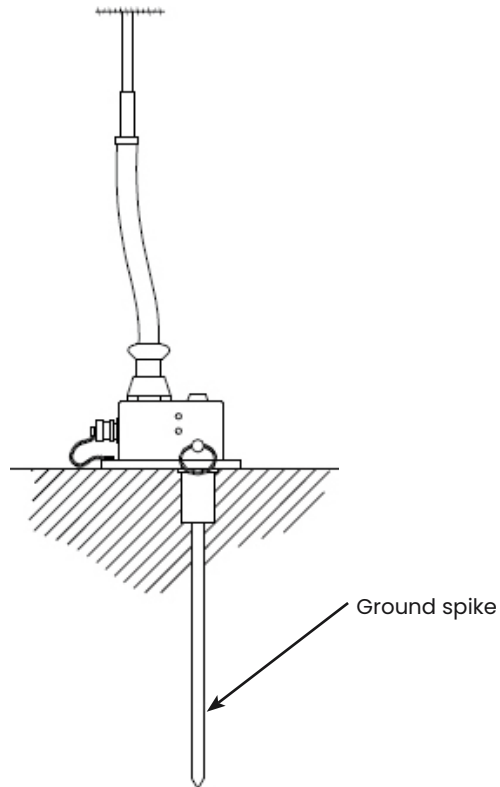
### Mechanical Specifications

<b>Design</b>	Vertical - monopole over ground, or elevated with artificial ground plane. The tuning network is in the base for broadbanding. Sectional manpack type whip. The ground plane is part of the guy lines. When used at ground level the antenna base is secured to a conducting ground spike.
<b>Whip Length</b>	2.4 m
<b>Guy Lines with Winder</b>	3 pieces, 2.5 m conductor and line on a winder with adjustable lock and hooks at each end
<b>Guy Pegs</b>	4 pieces, steel
<b>Packaged Weight</b>	2 kg
<b>Temperature Range</b>	- 55°C to + 55°C



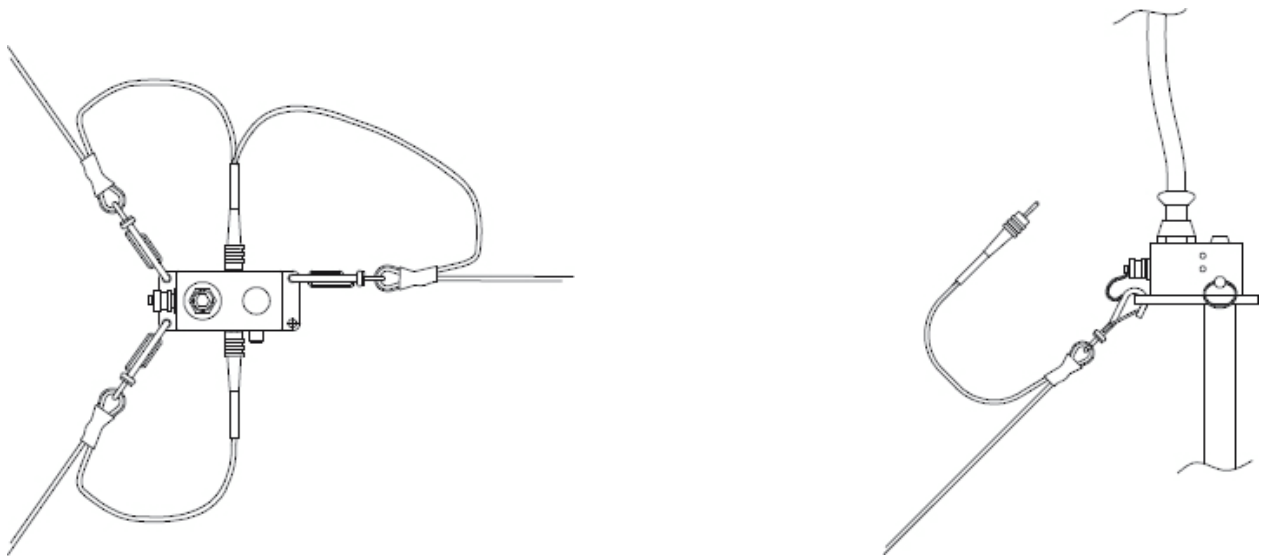
## Ground Mounting

For use in the ground, a hammer will be needed to drive the ground spike vertically into the soil. Then secure the antenna to the ground spike with a thumb nut.



## Mast Mounting

To use the mast mounting, the ground spike will need to be removed. Then attach the guy lines to the antenna base and insert the leads. Secure the antenna to the mast with a thumb nut, raise the mast and tighten the guy lines.



September 2018

All specifications are subject to change without notice  
The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



sales@eylex.com.au  
www.eylex.com.au

